

JOIDES Executive Committee Meeting

January 31 - February 2, 1994 — Kyoto, Japan

Agenda Book Table of Contents

List of Participants	2
ODP Operations Schedule	3
JOIDES Meeting Schedule	3
ODP FY95 Science Program	4
JOIDES Executive Committee Agenda and Schedule	5
Sunday, January 30, 1994 ... Monbusho-hosted Welcome Reception, 7:30 pm to 9:30 pm (at Hotel)	
Monday, January 31, 1994 (9:00 am)	5
Item A. Initial Business	5
1. Welcome, opening remarks and initial business	5
2. Approval of the Minutes	5
3. Review of EXCOM Action Items	5
Item B. Potential New Partners	6
1. Strategies for Recruiting New Partners	6
Item C. Reports	6
1. Program Management Reports	6
Lunch Break	12:00 pm - 1:00 pm
2. Membership Reports	8
3. ODP Council	8
4. 1995 Program Plan Reports	8
End of Day 1	5:00 pm
Tuesday, February 1, 1994 (9:00 am)	10
Item D. Advisory Structure Review Committee (ASRC) Report	10
1. Review of Proposals in the ASRC Report	10
2. Review of PCOM Comments, Motions & Actions	10
3. Review of the ASRC Comments on PCOM's Motions/Actions	10
4. Final Actions on the ASRC Report	10
Lunch Break	12:00 pm - 1:00 pm
Afternoon Field Trip and Dinner	
Wednesday, February 2, 1994 (9:00 am)	11
Item E. Old EXCOM Business	11
1. Status of the New Atlantic Core Repository in Bremen	11
2. Candidate Membership	11
Item F. New EXCOM Business	11
1. BCOM Issues	11
2. EXCOM Meeting Schedule	12
Item G. Review of EXCOM Motions and Action Item Assignments	12
Adjourn	12:00 pm
Selected Acronyms	12
EXCOM Revised Draft Minutes of the June 1993 Meeting	13
PCOM Revised Minutes of the August 10 - 13, 1993 Meeting	38
PCOM Draft Minutes of the December 1 - 4, 1993 Annual Meeting	82
Advisory Structure Review Com. Report Annotated with PCOM Comments and Motions	135
ASRC Chair's Comments on PCOM's Motions/Actions	174

Participant List

EXCOM

Helmut Beiersdorf - Bundesanstalt für Geowissenschaften und Rohstoffe (Germany)
 James Briden - Natural Environment Research Council (United Kingdom)
 Robert Duce - Texas A&M University, College of Geosciences and Maritime Studies
 Robert Gagosian - Woods Hole Oceanographic Institution
 Dennis Hayes - Columbia University, Lamont-Doherty Earth Observatory
 Yves Lancelot - Laboratoire de Géologie du Quaternaire (France)
 John Malpas - Memorial University of Newfoundland (Canada-Australia Consortium)
 Arthur Maxwell - University of Texas at Austin, Institute for Geophysics
 Arthur Nowell (Chair) - University of Washington, College of Ocean and Fishery Sciences
 John Orcutt - University of California, San Diego, Scripps Institution of Oceanography
 Barry Raleigh - University of Hawaii, School of Ocean and Earth Science and Technology
 Bruce Rosendahl - University of Miami, Rosenstiel School of Marine and Atmospheric Science
 Renzo Sartori - European Science Foundation (Consortium for Ocean Drilling)
 Lawrence Small - Oregon State University, College of Oceanic and Atmospheric Sciences
 Asahiko Taira - Ocean Research Institute, University of Tokyo (Japan)

Liaisons

David Goldberg - Wireline Logging Services (ODP-LDGO)
 Donald Heinrichs - National Science Foundation (United States)
 Brian Lewis - PCOM Chair, University of Washington, College of Ocean and Fishery Sciences
 Philip Rabinowitz - Science Operator (ODP-TAMU)
 James Watkins - Joint Oceanographic Institutions, Inc.

JOIDES Office, University of Washington

Bill Collins - Executive Assistant and non-US Liaison
 Karen Schmitt - Science Coordinator

Guests and Observers

David Falvey - Bureau of Mineral Resources (Canada-Australia Consortium)
 Michele Fratta - European Science Foundation (ODPC, Consortium for Ocean Drilling)
 Kantaro Fujioka - Deep Sea Research Department (JAMSTEC)
 Eiichi Kikawa - Ocean Development Division, STA (Japan)
 François Madelain - IFREMER (ODPC, France)
 Bruce Malfait - US National Science Foundation
 Dietrich Maronde - Deutsche Forschungsgemeinschaft (ODPC, Germany)
 Audrey Meyer - MiraCosta College, USSAC Chair
 Atsushi Omata - Deputy Director, Ocean Development Division, STA (Japan)
 Thomas Pyle - Joint Oceanographic Institutions, Inc.

ODP Operations Schedule

Leg	Destination	Cruise Dates*	Port of Origin †	Total days	Transit	On Site
153	MARK	November 29 - January 24, 1994	St. John's, November 24 - 28, 1993	56	10	46
154	Ceara Rise	January 29 - March 26, 1994	Barbados, January 24 - 28, 1994	56	9	46
155	Amazon Fan	March 31 - May 26, 1994	Recife, March 26 - 30, 1994	56	7	49
156	N. Barbados Ridge	May 31 - July 26, 1994	Barbados, May 26 - 30, 1994	56	1	55
157	VICAP/MAP	July 29 - September 23, 1994	Barbados, July 24 - 28, 1994	56	12	44
158	TAG	September 28 - November 23, 1994	Las Palmas, September 23 - 27, 1994	56		
<i>Transit and drydock</i>						
159	Site 735	January - February 1995	Capetown	56	16	40
160	Eq. Atlantic Transform	March - April 1995	Capetown	56	15	41
161	Mediterranean I	May - June 1995	Dakar	56	18	38
162	Mediterranean II	July - August 1995	Napoli	56	11	45
163	Atlantic Arctic Gateways II ^ø	September - October 1995	Aberdeen	56	15	41
164	Gas Hydrates	November - December 1995	Reykjavik	56	13	43
165	DCS Engineering	January - February 1996	Miami	56		

† Although five day port calls are generally scheduled, the ship sails when ready.

* The precise dates of Legs 159 - 165 cannot be determined until the drydock port has been fixed.

ø The Arctic Gateways leg may be inserted between the Mediterranean legs if that gives a better ice/weather window.

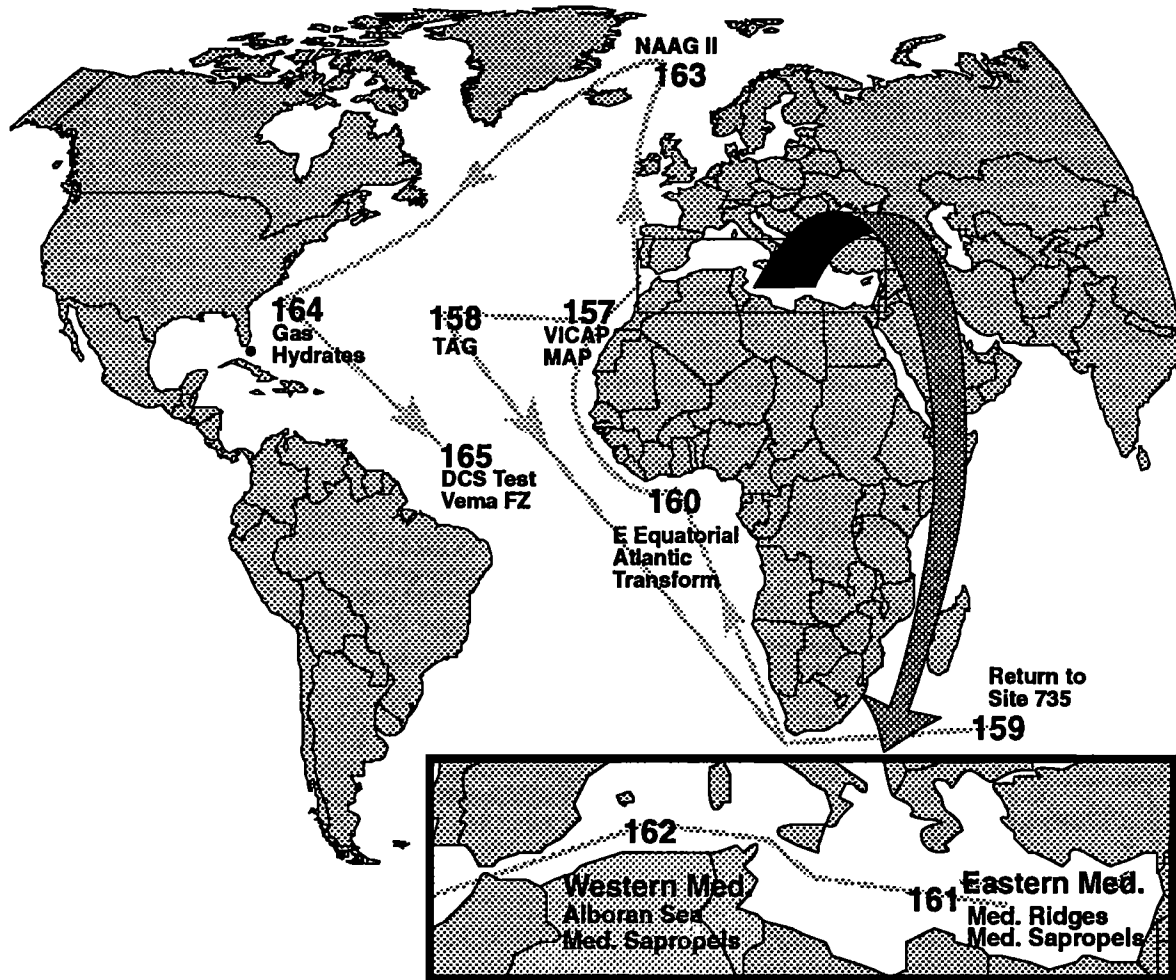
Operations Schedule date: 16 December 1993

JOIDES Meeting Schedule

Dates	Location	Panel/Committee
March 9 - 11, 1994	College Station, TX	IHP
March 7 - 8, 1994	College Station, TX	TEDCOM
* March 7-9, 1994	College Station, TX	SGPP
March 7-9, 1994	Washington, DC	BCOM
March 10 - 12, 1994	Kona, Hawaii	TECP
March 24 - 25, 1994	Barbados, West Indies	PPSP
* March 28 - 30, 1994	Bergen, Norway	LITHP
* March 29-31, 1994	Amherst, MA	OHP
April 13 - 14, 1994	Brest, France	SSP
April 18-21, 1994	Cardiff, Wales	PCOM
* May 17 - 19, 1994	Uppsala, Sweden	DMP
June 27-30, 1994	Washington, D.C.	EXCOM
* first week of Oct., 1994	Fukuoka, Japan	SGPP

ODP FY95 Science Program

FY1995 Science Plan



JOIDES Executive Committee Agenda Notes

Sunday, January 30, 1994

7:30 pm - 9:30 pm am

Monbusho-hosted Welcome Reception

Monbusho will host a Welcome Reception on Sunday evening at the hotel. Asahiko Taira has invited all available participants to attend this reception.

*Hotel: Kyoto Takaragaike Prince Hotel, Takaragaito, Sakyo-ku, Kyoto 606, Japan
ph. 075-712-1111, fax: 075-712-7677*

Monday, January 31, 1994

9:00 am

A. Initial Business

1. Welcome, opening remarks and initial business (Arthur Nowell - 15 minutes).
 - a) Logistics of the meeting and workshop with STA/JAMSTEC
 - b) Adoption of the EXCOM Agenda
 - 1) Call for additional Items
 - 2) Call for adoption of the Agenda
2. Approval of the Minutes
 - *The Revised Draft Minutes of the June 22 - 23, 1993 EXCOM—ODPC meeting in College Station, Texas, are found on page X in the Agenda Book. The Revised Draft Minutes contain all corrections and revisions received in the JOIDES Office as of January 10, 1993.*
3. Review of EXCOM Action Items identified at the June 1993 EXCOM—ODPC meeting to be addressed in the appropriate reports (Arthur Nowell, 5 minutes).

1. Advisory Structure Review Committee Report

EXCOM passed a motion to accept the Report of the Advisory Structure Review Committee (ASRC) and thanked the committee members and its Chair, Hans Dürbaum, for a most thorough and focused report.

Regarding the implementation of the ASRC, the following statements were adopted by consensus:

EXCOM requests that PCOM examine each of the 12 subjects identified in the report and, where desirable, to implement immediately the recommendations.

EXCOM recognizes the need for discussion on some of the issues and, in those cases where PCOM has significant concern about specific ASRC recommendations, EXCOM requests PCOM review and evaluate the recommendations and prepare specific alternative motions for EXCOM's consideration at the January meeting.

EXCOM requests the Chair of EXCOM to review these motions with the ASRC Chair and to present a summary at the next EXCOM meeting.

It is the wish of EXCOM to take final action on the recommendations of the ASRC and on PCOM's alternatives at its January meeting.

- *Final action will be taken by EXCOM on the Advisory Structure Review Committee Report under Agenda Item C.*

2. Core Repository

EXCOM passed a motion requesting JOI advise TAMU to:

1. Definitize procedures for moving cores, with advice from PCOM and the panels.
 2. Visit and enter negotiations with Universität Bremen regarding technical and financial aspects of establishing the ODP Atlantic repository in Bremen.
 3. If technical and fiscal aspects of an ODP repository at Bremen are satisfactory, to contract for such services with Universität Bremen and conclude plans for core movement.
 4. If discussions with Bremen did not conclude satisfactorily, accept the offer of LDEO.
- *JOI Inc. will give EXCOM a brief update on the status of the new Atlantic Core Repository in Bremen under Agenda Item E-1.*

3. PCOM's Long-Range Planning Efforts

EXCOM endorsed, with a motion, the PCOM consensus (PCOM 1993A-2) regarding long range planning and requested that PCOM present EXCOM with a status report on science planning and platform requirements at EXCOM's January 1994 meeting.

- *Lewis will present the status of science planning and platform requirements under Agenda Item C-1-(e)-(3).*

4. Japanese Proposal for the "New Era of Ocean Drilling"

In the second part of its long-range planning motion, EXCOM:

- A. recognizes the importance of the "New Era of Ocean Drilling" concept for the future of scientific ocean drilling,
 - B. recognizes the need for close exchange/cooperation,
 - C. proposes to hold a workshop jointly with STA/JAMSTEC immediately following the next EXCOM meeting to investigate future modes of scientific ocean drilling with emphasis on cooperation. It is suggested that, in addition to EXCOM, representatives from the JOIDES advisory structure, TAMU and LDEO be invited to attend this workshop.
- *The Agenda for the joint EXCOM-STA/JAMSTEC workshop will be reviewed under Agenda Item E-2.*

B. Potential New Partners

1. Strategies for Recruiting New Partners (Watkins - 30 minutes)

C. Reports

1. Membership Reports

- a) Can/Aus (John Malpas - 15 minutes)
- b) ECOD (Renzo Sartori - 15 minutes)

Coffee Break 10:30 - 10:45 am

- c) France (Yves Lancelot - 15 minutes)
- d) Germany (Helmut Beiersdorf - 15 minutes)
- e) Japan (Asahiko Taira - 15 minutes)
- f) United Kingdom (James Briden - 15 minutes)
- g) United States (Bruce Malfait/Tom Pyle - 15 minutes)

Lunch Break 12:00 pm - 1:00 pm

2. ODP Council Report (Don Heinrichs - 20 minutes)

3. Program Management Reports

- a) NSF (Bruce Malfait - 20 minutes)
- b) JOI Inc. (Tom Pyle - 20 minutes)
- c) Science Operator, ODP-TAMU (Philip Rabinowitz - 40 minutes)
- d) Wireline Logging Services, ODP-LDEO (David Goldberg - 20 minutes)

Coffee Break 3:00 - 3:15 pm

e) PCOM Report (Brian Lewis - 45 minutes)

- *Since the last meeting of EXCOM, the PCOM has met twice, once in August 1993 and again in December 1993.*

August 1993 PCOM Meeting, Brisbane, Australia -- One of the principal outcomes of the August meeting was a prospectus of proposals for drilling in 1995. This prospectus was the basis for proposal review and ranking by the thematic panels in September and October 1993. The Revised Minutes from the August PCOM meeting are included in the Agenda Book on page X.

December 1993 PCOM Annual Meeting, Miami, Florida -- Chairs of the panels that advise PCOM, (TECP, LITHP, SGPP, SSP, IHP, DMP, IHP, SMP, TEDCOM, and PPSP) presented their annual reports at the December PCOM meeting. The principal results of the PCOM Annual Meeting were selection of a Science Plan for FY95, acceptance of the Shallow Water Drilling Working Group Report, and continued work toward successful revision of the thematic panel White Papers and the JOIDES LRP. The Draft Minutes for the December PCOM meeting are included in the Agenda Book on page X.

1) FY94 Program Plan Changes

- a) Leg 157

2) 1995 PCOM Science Plan

- a) PCOM adopted the 1995 Science Plan based on thematic panel reviews and ranking of proposals contained in an FY95 Prospectus, distributed in

August of 1994, as well as other proposals that thematic panels felt were appropriate. The prospectus was compiled on the basis of spring global rankings of all active proposals and the status of site survey data.

b) Details of the Proposed FY95 Science Plan:

PCOM Motion - FY95 Science Plan

The schedule for ODP Legs 157 through 165 will be as follows:

157 - VICAP/MAP (380-Rev3/Add3)

158 - TAG

— Drydock - South Africa

159 - Return to Site 735 (300-Rev)

160 - Equatorial Atlantic Transforms (346-Rev4)

161 - Mediterranean I

162 - Mediterranean II

163 - North Atlantic Arctic Gateways II

164 - Gas Hydrate Sampling (423-Rev/Add)

165 - DCS Sea Test

Addenda

1. This schedule presumes the drydock to occur in South Africa. Should this prove unacceptable to SEDCO/FOREX, and the drydock be scheduled elsewhere, PCOM should re-examine the schedule at the earliest opportunity.
2. The two Mediterranean legs will consist of elements of the following three proposals (in alphabetical order) - (1) Alboran Sea (323-Rev3), (2) Mediterranean Ridge (330-Rev/Add3), and (3) Mediterranean Sapropels (391-Rev).
3. The stated order of Mediterranean legs is preferred, but may be changed to accommodate the necessary weather window for the North Atlantic Arctic Gateways II leg.
4. The preferred location for the DCS sea test is on the Vema Transverse Ridge.

PCOM Motion - Mediterranean Program

The two Mediterranean drilling legs shall include:

Med. I — MedSap 2B, 3, 4, Eratosthenes Seamount sites for sapropel and tectonic objectives, MedRidge (Ionian transect) 1, 2, 3 and the Mud Volcano 1.

Med. II — MedSap 5, 6, 7 and Alboran 2, 3,4

3) FY95 Budget Priorities

PCOM Consensus - FY95 Budget Prioritization

Priority 1

The computer and data base upgrades are of the highest priority. PCOM endorses the PANCH recommendation that the Computer RFP Evaluation Committee continue to work closely and frequently with ODP-TAMU to monitor and advise on the implementation of the upgrades.

Priority 2

DCS. PCOM endorses the continued testing of DCS through 1995.

Priority 3

- Downhole measurements lab. PCOM supports ODP-TAMU's proposal to upgrade the downhole measurements facility expansion on the JOIDES Resolution, (\$400K)
- Shallow water gas hazards surveys. PCOM recommends to JOI that ODP-TAMU include funds in the FY95 budget for shallow water gas hazards surveys.

Priority 4

BHTV (~\$100K). By consensus, PCOM endorses the PANCH recommendation that DMP explore the most efficient means of maintaining the capability to measure in situ stress on a routine basis, in appropriate holes, and return a recommendation to PCOM in April 1994.

PCOM Motion - Computer RFP

- PCOM reaffirms its commitment to upgrade ODP computer and information systems.
- PCOM recognizes that this will entail significant expenditure of funds during FY94, FY95, FY96.
- PCOM advises JOI to continue a computer database upgrade advisory committee to advise ODP-TAMU and monitor progress on a regular basis during the entire project.
- PCOM is concerned that end-user input be sought to insure timely and appropriate development of suitable products.

3) PCOM's Long-Range Planning Efforts

4. FY95 Program Plan Reports

a) NSF Budget Planning (Don Heinrichs, 20 minutes)

- 1) Projected funds for 1995 program operations - NSF and International.

b) FY95 Budget Planning (Tom Pyle, 20 minutes)

End of Day 1 5:00 pm

There will be a reception at the hotel in the evening. Asahiko Taira will provide us with details at the meeting.

Tuesday, February 1, 1994	9:00 am
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C. Advisory Structure Review Committee (ASRC) Report

- *The ASRC Report, annotated with PCOM's comments and motions regarding each ASRC Proposal, is included in the Agenda Book on page X. As requested in EXCOM's motion, the ASRC Chair Hans Dürbaum, reviewed PCOM's comments and motions. His comments are included in the Agenda Book on page X.*
- 1. Review of Proposals in the ASRC Report
- 2. Review of PCOM Comments, Motions & Actions

Coffee Break 10:30 - 10:50 am

- 3. Review of the ASRC Comments on PCOM's Motions/Actions
- 4. Final Actions on the ASRC Report

Lunch Break 12:00 pm

Afternoon Field Trip

The afternoon field trip will be a guided city tour to the Kinkakuji Temple (golden pavilion) and the Ryoanji Temple (pebble garden) followed by a Shabu-Shabu (sliced beef) dinner.

Wednesday, February 2, 1994

9:00 am

E. Old EXCOM Business

1. Status of the New Atlantic Core Repository in Bremen (Tom Pyle - 10 minutes)
 - a) At its June meeting, EXCOM passed the following motion:
EXCOM requests JOI advise TAMU to:
 1. Definitize procedures for moving cores, with advice from PCOM and the panels.
 2. Visit and enter negotiations with Universität Bremen regarding technical and financial aspects of establishing the ODP Atlantic repository in Bremen.
 3. If technical and fiscal aspects of an ODP repository at Bremen are satisfactory, to contract for such services with Universität Bremen and conclude plans for core movement.
 4. If discussions with Bremen did not conclude satisfactorily, accept the offer of LDEO.
 - b) At its August meeting, PCOM passed the following motion:
In light of the June 1993 EXCOM decision, re: moving the ECR, and after consultation with relevant constituent geologic communities and extensive discussion, PCOM endorses:
 - internationalization of ODP
 - establishment of a new European repository at the University of Bremen, when space becomes available and programmatic details are resolved.However, given present advice from the JOIDES Advisory Structure, PCOM cannot endorse moving existing cores from LDEO if any chance remains of damage to those cores during transit to Europe. Before making a final recommendation, PCOM awaits the study of technical and financial aspects of moving the existing ECR cores safely, at present being carried out by ODP-TAMU.
 - c) In addition, PCOM adopted the following consensus statement:
If an ODP repository is established in Bremen, PCOM recommends to JOI that Atlantic cores, from Leg 151 and following, be sent to this repository.
 - d) In November, EXCOM passed the following motion by mail ballot:
"EXCOM recommends that a new repository be established at the University of Bremen that will begin operations as soon as possible, preferably starting with cores from Leg 151. EXCOM further recommends that existing cores remain at LDEO".
2. Candidate Membership (James Briden - 30 minutes)

F. New EXCOM Business

1. BCOM Issues
 - a) BCOM is scheduled for March 7 - 9, 1994, Washington, D.C.
 - b) Membership and implications for BCOM's FY95 budget planning strategy
2. EXCOM Meeting Schedule
 - a) Summer 1994: June 27 - 30, 1994, in Washington, D. C.
 - b) Winter 1995: to be held in the US, dates and place yet to be determined
 - c) Summer 1995: to be held in the UK, dates and place yet to be determined
- 3.
- 4.
- 5.

G. Review of EXCOM Motions and Action Item Assignments

Adjourn 12:00 pm

Selected Acronyms

BGR	Bundesanstalt für Geowissenschaften und Rohstoffe	mbsf	meters below seafloor
BGS	British Geological Survey	MOU	memorandum of understanding
BHA	bottom-hole assembly	MOR	mid-ocean ridge
BHTV	borehole televiewer	MRC	Micropaleontological Reference Center
BMR	Bureau of Mineral Resources	MST	multi-sensor track
BRGM	Bureau de Recherches Géologiques et Minières	NADP	Nansen Arctic Drilling Program
BSR	bottom-simulating reflector	NAS	National Academy of Sciences
DCB	diamond core barrel	NERC	Natural Environment Research Council (UK)
DCS	diamond coring system	NGDC	National Geophysical Data Center
DI-BHA	drill-in bottom-hole assembly	NSERC	National Science and Engineering Research Council (Canada)
DP	dynamic positioning	OBS	ocean bottom seismometer
DPG	Detailed Planning Group	ODPC	ODP Council
DRB	DCS retractable bit system	OSN	Ocean Seismic Network
ECOD	European (ESF) Consortium for Ocean Drilling	PCS	pressure core sampler
FMS	formation microscanner	PDC	poly-crystalline diamond compact (drilling bit)
FY	fiscal year	PEC	Performance Evaluation Committee
HRB	hard rock guide base	RFP	request for proposals
IFREMÉR	Institut Français de Recherche pour l'Exploitation de la Mer	RFQ	request for quotes
InterRidge	International Ridge Inter-Disciplinary Global Experiments	RIDGE	Ridge Inter-Disciplinary Global Experiments (US)
IRIS	Incorporated Research Institutions for Seismology	SCS	single-channel seismic
JAMSTEC	Japan Marine Science and Technology Center	SOE	Special Operating Expense
JOI-BOG	JOI Board of Governors	STA	Science and Technology Agency (of Japan)
LRP	Long Range Plan	USSAC	US Scientific Advisory Committee
		USSSP	US Science Support Program
		WG	Working Group