

APPENDIX A

2.2.1 The impact of the final FY 1999 Budget on program delivery.

In August 1997 SCICOM considered the Draft FY 1999 Budget and developed a prioritization by groupings of non-leg related items. Following OPCOM, the total cost of leg enhancements and other X-Base items in the FY '99 schedule amounted to \$3.8 million. Since the projected FY '99 X-base budget was \$3.13 million, this resulted in a projected deficit of \$700K.

SCICOM's Recommendations of Priorities for the X-Base Budget (as revised during the OPCOM Meeting)

1999 Dry-Dock	310	Non-negotiable,	unavoidable
PEC-V		50 costs	
WWW Publishing		75	
Technical Support*	40	(To be provided by ESF)	
Publications	205		
TAMU-Leg-Based	900		
LDEO Leg-Based	450		
Hardrock Coring	400		
Deep Drilling	100		
Downhole Lab	400		
CLIP II		60	
Sampling parties		40	
CoreSeis/Borehole Stability	40		
XRD	150		
Data Migration		330	
LDEO EXTRA Leg-Based		18	
P-Code Receivers		30	
FMS Atlas		50	
Microbiology Facility	400	SPECIAL CATEGORY	

January 1998. NSF's target figure for the FY'99 budget was \$48.5M. This preliminary FY'99 budget indicated a deficit of \$900 K even though many of the non-leg related X-Base items (see items crossed off below) that SCICOM had prioritized in August had already been removed from the budget. All that remained was leg-related science and engineering development.

SCICOM's August 1997 Recommendations of Priorities for the X-Base Budget

Publications	205	\$K
TAMU-Leg-Based	900	
Technical Support*	40	(To be provided by ESF)
LDEO Leg-Based	450	
Hardrock Coring	400	
Deep Drilling	100	
Downhole Lab	400	

CLIP II	60	
*Sampling parties	40	* now incorporated into TAMU's base budget
CoreSeis/Borehole Stability	40	
XRD	150	
Data Migration	330	
LDEO EXTRA Leg Based	18	
P Code Receivers	30	
FMS Atlas	50	

Microbiology Facility	400	SPECIAL CATEGORY
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At a meeting at the JOI Office in **February 1998**, JOI, the subcontractors and the SCICOM Chair reconciled the budget so that the 1999 Program plan meets the target budget of \$48.5M. The projected \$900K deficit reported at the October EXCOM meeting was corrected by making the following general budget adjustments: 1) All items noted for elimination on SCICOM's priority list of X-Base items (above; shown at the January EXCOM Meeting) were indeed cut. In addition, the purchase of hammer coring equipment was eliminated from the 1999 program plan (~\$300K additional savings); 2) Re-evaluation of equipment needs in publication and databases reduced the cost of hardware purchases needed to fulfill mandates in publications and data distribution (~\$150K savings); 3) reduction in payroll requests (~\$100K savings); 4) savings in overhead by extending the Wireline Services contract rather than issuing a new contract (~\$60K); 4) reduction of logging on specific legs (~\$100K).

\$K

Remainder of SCICOM's August 1997 Recommendations of Priorities for the X-Base Budget

Publications	205	-150
TAMU-Leg-Based	900	
Technical Support*	40	(individuals to be provided by ESF)
LDEO Leg-Based	450	-150
Hardrock Coring	400	-300
Deep Drilling	100	
CLIP II	60	

Overall the budget meets the scientific priorities of the Program. However, essentially all savings were made in areas where savings will not be realized in FY 2000. Thus, while the impact of increased day rates and inflation can be shown by resetting the balance of FY'99 to be zero, to make further \$700K to \$2M savings will require reduced delivery of science.

In **March 1998** SCICOM and OPCOM prioritized the following budgetary items in the event that additional funds become available in FY'99. Big ticket items were not prioritized because the chances of getting sufficient funds for these are not high. SCICOM will revisit this prioritization in August by which time there may be some indication as to whether there are any additional funds to apply to these items.

Consensus						98-1-3
By consensus, SCICOM and OPCOM prioritize the following budgetary items should additional funds become available			in			FY'99:
1.				GLT - Leg 185	\$	87K
2.				1 Operational Hammer	\$157K	
3.				WST - Leg 184	\$	19K
4.				WST - Leg 183	\$	19K
5.				VSP - Leg 186	\$	45K
6.				ARI - Legs 183, 185, 186	\$	30-40K each
7.				Microbiology Lab	\$30-150K	
Other		Big		Ticket		Items:
				Downhole Measurements Lab	\$450K	
				1 Operational Hammer	\$157K	
Other	Items	(in	no	particular		order):
				Borehole Stability Project	\$	16K
				CORESEIS	\$	27K
				Gas Chromatograph	\$	55K
				XRD	\$150K	(\$60K -
used)				Data Migration	\$???
The	following	items	were	deferred	pending	further information:
					Mirror Web Sites	\$ 50K per site
					SSDB Computer Tech	\$ 72K
This prioritization is preliminary and will be revisited at the August SCICOM meeting. The Chair of the Biosphere PPG will be invited to present the plans for implementation of microbiological sampling and to provide a range of estimates for equipment and facilities required.						

2.2.2 IODP Planning.

The International Working Group for an Integrated Ocean Drilling Program (IWG/IODP) was established in April 1997 to explore fully the concept of a comprehensive scientific ocean drilling program for the year 2003 and beyond. The IWG is composed of organizations and/or funding agencies that are interested in IODP. In response to a request from the International Working Group (IWG) of the IODP for assistance in scientific, technical, and budgetary planning from JOIDES, EXCOM tasked SCICOM with a number of items, including (1) the formation of a conference Organizing Committee for a major IODP scientific conference to be held in the Spring of 1999, (2) the establishment of a Seismogenic Zone PPG, and (3) the organization of an *ad hoc* drilling technology workshop.

SCICOM response:

(1) **Spring 1999 International Conference** to define the scientific objectives for a future multi-platform ocean drilling program with two major vessels. Together with the results of, CONCORD. This conference is intended to provide the background for a long range scientific plan for IODP and the framework of the conceptual design of a second, non-riser vessel.

(2) **Seismogenic Zone DPG** - a call for Letters of Intent for experiments and scientific strategies for seismogenic zones at convergent margins has gone out. Plans are underway for the first meeting of the DPG to take place in September 1998

(3) **Technical and Operations Workshop**, 18 November 1998, Houston, Texas. The objective of the Workshop is to

bring together a small group of engineers from industry to obtain advice on the most effective mechanisms to determine the technical requirements and infrastructure of the proposed new program for scientific ocean drilling. This Workshop will have two main goals: (1) to identify the most important technical and infrastructure issues which must be addressed in planning for a new program; and (2) to suggest the most effective mechanisms by which these questions can be addressed.

The Director of ODP (Moran), EXCOM Chair (Detrick) and SCICOM Chair (Humphris) have written to the IWG outlining their serious concerns about the manner in which IODP planning is proceeding, noting the IWG has provided no additional funds to JOIDES to assist with the planning efforts undertaken by JOIDES to assist t in IODP planning, and recommending the formation of an IODP Planning Steering Committee.

2.2.3 EXCOM

EXCOM Motion 98-2-4 - Sir Nicholas Shackleton

It is with great pride and admiration that EXCOM congratulates our colleague, Sir Nicholas Shackleton, on his knighthood. He is the latest Shackleton to be honored for his voyages of discovery. Like his ancestors, Nick Shackleton has mapped new territories: his contributions to the CLIMAP, COHMAP and SPECMAP provided guides for countless geoscientists who followed him along paths of knowledge of the Pleistocene and Holocene. Never to be constrained to "PC" (piston core) subjects, he is truly a man for the ages (including pre-Pleistocene ages, as well as the PAGES and IMAGES). Shackleton has shown his mastery of the nuances of tone and harmony whether the frequencies are in sound or climate. He does his work in a true spirit of generosity, collegiality, and of modesty - he has more clarinets than shoes. We thank him for sharing his wisdom and his wit with us and send our very best wishes for the future.

EXCOM Motion 98-2-7 - ASSOCIATE MEMBERSHIP

EXCOM endorses the revised policy on Associate Membership levels with corresponding JOIDES panel representation as modified by EXCOM at this meeting, and recommends its adoption to ODP Council.

Membership levels in ODP will consist of Full Members and three levels of Associate Membership. Each level has defined degrees of participation in the JOIDES Advisory Structure. Countries and consortia at all levels have the right to observer status on all JOIDES panels and committees, and can participate in their discussions at the discretion of the chair. Shipboard participation will be directly proportional to the contribution. Only Full Members of ODP (whether individual countries or consortia) have voting rights in the policy- and scientific-decision making for ODP (i.e. on EXCOM and SCICOM). All other levels of membership do not include representation on EXCOM and SCICOM. France will continue to participate in ODP as an Associate 3 member (2/3 level of contribution).

2.2.4 FY 2000/01 ODP Drilling Prospectus

SCICOM Motion 98-1-11

In order to fulfill the objectives of the LRP and to respond to existing proposals, SCICOM establishes that the general ship track for the *JOIDES Resolution* will remain in the Indian and Pacific Oceans through FY'01. SCICOM anticipates that the ship will return to the Atlantic Ocean prior to the end of Phase III.

The proposals in this Prospectus are compiled in three volumes:

VOLUME 1 contains proposals ranked by SCICOM in August 1997 and sent forward to OPCOM for scheduling as drilling legs.

Proposal	Title	1997 SCICOM Ranking	SCICOM Watchdog
431-Full (B)	West Pacific Seismic Network (ION sites)	11	Tauxe
445-Full2	Nankai Trough	3	Pearce
448-Full4	Ontong-Java	7	Ludden
455-Full3	Laurentide Ice Sheet Outlets	4	Raymo
490-Full3	Prydz Bay	6	Miller & Kudrass
465-Full	SE Pac. Paleooceanography	8	Overpeck
486-Full2	Paleogene Equatorial Pacific	9	Bond

VOLUME 2 contains proposals ranked by SCICOM in August 1997, but not forwarded to OPCOM for scheduling. Some of these proposals were revised by proponents, and sent out for external evaluation a second time on the recommendation of either ISSEP or ESSEP.

Proposal	Title	1997 SCICOM Ranking	SSEP Grouping	SCICOM Watchdog
450-Full3	Taiwan Arc Continent Collision	15	II	Ludden
451-Full6	Tonga Forearc	13	I	Pearce
463-Full*	Shatsky Rise	14		C. Moore
499-Full*	ION, Equatorial Pacific Site	16		Holm

* Not revised after August 1997 SCICOM Meeting, therefore not grouped by the SSEPs.

VOLUME 3 contains proposals selected by the SSEPs in October 1997 for external evaluation for the first time.

Proposal	Title	SSEP Grouping	SCICOM Watchdog
479-Full2	PACMANUS Hydrothermal System	IV	Klein
482-Full2	Antarctic Glacial History/Wilkes Land	II	Miller & Kudrass
485-Full3	Southern Gateway	I	Raymo

489-Full2 Antarctic Ice Sheet Evolution/Ross Sea II Miller & Kudrass

500-Full2 H2O Long Term Seafloor Observatory I Tamaki
504-Full2 Newfoundland Basin NARM Deep Hole IV C. Moore
