

# **FY2008 Annual Program Plan Addendum for the Integrated Ocean Drilling Program**

This document represents an addendum for revising the original IODP FY2008 Annual Program Plan (APP) approved at the beginning of FY2008 by the Lead Agencies. The previous approval was an interim approval with expected changes to be made in the expedition schedule. This schedule now becomes almost certain for FY2008 after discussion at the Science Planning Committee (SPC) meeting in March. IODP-MI also takes this opportunity to revise other changes since the start of FY2008.

## **1. FY2008 Expedition Schedule**

### ***1.1 USIO operated expedition***

The planned expedition schedule needed to be changed due to the delay of the delivery of SODV and no expeditions operated by USIO are now scheduled in FY2008. At this moment, the SODV conversion completion is assumed to be by the end of August 2008 and the expedition operation will commence in November 2008 with the Canterbury Basin Expedition.

### ***1.2 ESO operated expedition***

The New Jersey Shallow Shelf (NJ) Expedition is deferred to FY2009. It had been planned that the NJ Expedition would take place in FY2008 with a May start, but it did not prove possible to arrange a contract. The Great Barrier Reef (GBR) Expedition is also deferred.

## 2. FY2008 APP Budget

### 2.1 Budget Summary

The revised budget of FY2008 APP is summarized in the tables below.

**Table 1 : FY2008 APP Budget Summary (revised)**

	IODP-MI	USIO	CDEX	ESO	Bremen	SIO	Total
<b>SOCs</b>	5,434,077	5,281,257	11,490,505	1,698,600	308,039	300,000	\$24,512,478
<b>POCs</b>	-	32,491,673	91,199,606	445,700	-	-	\$124,136,979
<b>Total</b>	<b>\$5,434,077</b>	<b>\$37,772,930</b>	<b>\$102,690,111</b>	<b>\$2,144,300</b>	<b>\$308,039</b>	<b>\$300,000</b>	<b>\$148,649,457</b>

**Table 2 : Variance from the original budget**

	IODP-MI	USIO	CDEX	ESO	Bremen	SIO	Total
<b>SOCs</b>	205,000	-8,505,311	-	-1,776,000	-	-	<b>-\$10,076,311</b>
<b>POCs</b>	-	-3,262,042	32,993,804	-15,165,900	-	-	<b>\$14,565,862</b>
<b>Total</b>	<b>\$205,000</b>	<b>-\$11,767,353</b>	<b>\$32,993,804</b>	<b>-\$16,941,900</b>	-	-	<b>\$4,489,551</b>

**Table 3 : FY2008 APP SOC Budget summary (revised)**

	IODP-MI	USIO	CDEX	ESO	Bremen	SIO	Total
<b>M&amp;A</b>	4,216,707	754,175	376,860	631,800	-	-	\$5,979,542
<b>TESS</b>	-	358,085	7,584,185	619,200	-	-	\$8,561,470
<b>ED</b>	29,000	-	2,166,740	-	-	-	\$2,195,740
<b>CC</b>	-	1,803,083	659,322	79,900	308,039	-	\$2,850,344
CC	-	695,083	530,370	79,900	302,039	-	1,607,392
CR	-	1,108,000	128,952	-	6,000	-	1,242,952
<b>DM</b>	705,000	1,434,036	347,320	274,700	-	300,000	\$3,061,056
<b>Pub</b>	50,000	885,514	40,061	-	-	-	\$975,575
<b>Otrch</b>	433,370	46,364	316,017	93,000	-	-	\$888,751
<b>Total</b>	<b>\$5,434,077</b>	<b>\$5,281,257</b>	<b>\$11,490,505</b>	<b>\$1,698,600</b>	<b>\$308,039</b>	<b>\$300,000</b>	<b>\$24,512,478</b>

**Table 4 : Variance from the original SOC budget**

	IODP-MI	USIO	CDEX	ESO	Bremen	SIO	Total
<b>M&amp;A</b>	-	-939,417	67,290	-39,200	-	-	<b>-\$911,327</b>
<b>TESS</b>	-	-6,425,496	-94,588	-1,611,300	-	-	<b>-\$8,131,384</b>
<b>ED</b>	-	-	85,270	-	-	-	<b>\$85,270</b>
<b>CC</b>	-	307,301	130,270	-	-	-	<b>\$437,571</b>
CC	-	-91,017	11,318	-	-	-	-79,699
CR	-	398,318	118,952	-	-	-	517,270
<b>DM</b>	205,000	-1,251,268	-27,140	-86,300	-	-	<b>-\$1,159,708</b>
<b>Pub</b>	-	-168,298	-51,839	-	-	-	<b>-\$220,137</b>
<b>Otrch</b>	-	-28,133	-109,263	-39,200	-	-	<b>-\$176,596</b>
<b>Total</b>	<b>\$205,000</b>	<b>-\$8,505,311</b>	-	<b>-\$1,776,000</b>	-	-	<b>-\$10,076,311</b>

## ***2.2 Descriptions of the revised budget***

### **2.2.1 IODP-MI**

The SOC budget for IODP-MI Data Management is increased by \$205,000 in order to support efforts in Data Management integration such as metadata generation for SEDIS. A budget of \$250,000 was originally planned in the FY2007 APP for IO support of these activities, but was not spent in FY2007 because the IOs did not complete the work as planned. In FY2008 IODP-MI will seek to include non-IO vendors to advance the work due to limitations in the IO work capacity. Please see Appendix A for details.

### **2.2.2 USIO**

#### **2.2.2.1 SOC**

The revised SOC budget for USIO is \$5,281,257, which is \$8,505,311 decrease from the original.

According to the guidance from Lead Agencies (LAs) in October 2007, SOC for USIO was partitioned into “operational” costs (SOC Operations), which are to be funded directly from NSF to USIO through the USIO System Integration Contract and other costs (SOC Non-operations), which are to be funded through the IODP-MI contract. SOC Operations costs are defined as “that which funds SODV SOC operations at sea and all costs in support of these operations such as planning, logistics, engineering science support, etc.”

On the other hand, due to the delay of the SODV delivery to IODP, it has been decided that the SOC Operations budget is to be put outside IODP for the sake of FY2008 APP budget. The revised FY2008 USIO SOC budget is therefore only for SOC Non-operations.

The revised SOC budget also includes "carry forward" costs from FY2007 for the continuation of the DSDP/ODP Core Redistribution project. The budget in the original FY2008 APP is not sufficient to complete this project because some tasks were deferred from FY2007 to FY2008 due to the delay in the Kochi Core Center being ready to accept cores.

#### **2.2.2.2 POC**

The revised USIO POC budget is \$32,491,673, which is \$3,262,042 decrease from the original. The main part of the amount is the day rate for SODV which should be paid even in shipyard.

Please see Appendix B for details.

## **2.2.3 CDEX**

### **2.2.3.1 SOC**

The SOC budget for CDEX is reprogrammed while the total SOC remains the same as the original. This reprogramming primarily reflects the recent shift in the exchange rate between the Japanese Yen and the U.S. Dollar. In order to maintain the approved total FY2008 SOC amount of \$11,490,505, CDEX revised its budgetary baseline from ¥115/dollar to the more realistic level of ¥100/dollar and reprioritized their second half FY2008 activities in consideration of committed deliverables and schedule. The revised budget builds on the budget reprogram approved by the Lead Agencies in January 2008, which shifted SOC funds from TESS to CC for the legacy core acceptance at the Kochi Core Center (KCC).

### **2.2.3.2 POC**

The revised CDEX POC budget is \$102,690,111, which is \$32,993,804 increase from the original. This increase reflects the cancellation of the overseas resource drilling program (non-IODP activity) in addition to the exchange rate update. The Chikyu day rate for the period of off-expedition, which originally planned to be covered by a non IODP-activity, becomes to be covered as IODP POC.

Please see Appendix C for details.

## **2.2.4 ESO**

The revised SOC budget for ESO is \$1,698,600, which is \$1,776,000 decrease from the original. The revised ESO POC budget is \$445,700, which is \$15,165,900 decrease from the original. The ESO operated expeditions are eventually all deferred from FY2008, but some preparation costs have been incurred during planning of the New Jersey Expedition.

Please see Appendix D for details.

## **APPENDICES**

A: (IODP-MI) Details of the DM budget increase

B: (USIO) FY08 Annual Program Plan to IODP-MI (2 May 2008)

C: (CDEX) FY 08 SOC Reprogramming (as of 1 May 2008)

D: (ESO) Program Plan US Fiscal Year 2008 (30th April 2008)