

Project *ROV Data Visualization* *EE SUP* _____ *PILOT SUP* _____ *DIR (DEV)* _____
 Project Manager *Rich Schramm* *SE SUP* _____ *TECH SUP* _____ *TSD DIV DIR* _____
 Principal Investigator *Mike McCann* *ME SUP* _____ *OBS SUPP* _____ *DMO DIV DIR* _____
 Start Date of Project *January 1, 1999* *IA SUP* _____ *VIDEO LAB SUP* _____ *ITD DIV DIR* _____
 Finish Date of Project *December 31, 2001* *MACH SHOP SUP* _____ *PRES* _____ *DIR (RES)* _____

DAYS REQUESTED

MILESTONE NAME	Stand-alone world I with quadLOD terrain, Tracking viewpoints, ROV & Ship path positions, video images	Perl script generation of stand-alone world I for archived data		Install and test Internet Map Server		Create VRML Constructs II (data visualization, heads up display, ...)		Perl script development II (blend VRML with Samples, VIMS, beacon data)		Write paper for refereed journal		Deploy as link to VRML world of dive on Expedition web pages		Interface real-time VRML to Data Manager		Interface real-time VRML to Query Manager		Install real-time VRML on R/V Point Lobos and R/V Western Flyer		Train scientists in use of VRML authoring tools		Publish visual simulation of Cold Seep and mid-water processes		TOTALS w/out C	TOTALS with C (for SUP use only)				
		C		C		C		C		C		C		C		C		C		C		C		C					
RESEARCH	DATE OF COMPLETION	28-Feb		31-Mar		5-Jun		31-Aug		30-Sep		30-Oct		30-Nov		1 Qtr 2000	2 Qtr 2000	3 Qtr 2000	1 Qtr 2001	3 Qtr 2001					5	15	16		
	SCI PI - Robison & Barry	1		1		1		1		1		5		1															
	SR/RES TECH																												
	RES SPEC																												
	POST DOC																												
	LAB ASST.																												
	OTHER																												
DEVELOPMENT	EE																												
	ME																												
	SE														5														
	OTHER																												
INFORMATION APPLICATIONS	SCI. APP. DEV. - McCann	10	5	10	5	5	5	10	5	20	5	20	10	10	3		20	5	20	5	20	5	30	10	40	10	210	288	
	SE - Schramm	1		1		1		1		1		1		1		1		1		1		1		1		11	12		
	SE - Rogers																	5	2							5	7		
	Brutzman - NPS students	1		1				1		1		5														9	9		
	SCI. APP. DEV. - Hatcher	2				5	5																			2	12		
	OTHER																												
ITD	TECHNICAL WRITER																												
	VIDEO LAB SUPPORT																												
	SR. Res. TECH - Paduan			5		5				5																			
DMO	PILOT			1						1			1							2							10	15	
	SCI TECH																												
	MODEL SHOP																												
TSD	EE TECH																												
	ME TECH																												
	MACH SHOP																												
TOTALS		15	5	19	5	17		13	5	29	5	31	10	13	3	0	0	26	5	26	7	23	5	41	10	56	10	292	379