

Deep Biosphere Program/Equipment Schedule

Phase/Leg	Activity	Equipment	Cost/status	Comments
Leg 185	Standard sampling procedure Contamination tests	“Bristol” sampler	?	Being developed at Bristol
		Laminar flow hood	\$12K	Need new hood
		GC w/ECD detector	?	Use existing GC, add ECD
		Epifluorescence microscope	Already on JR	Arrange blackout
Leg 185	Minimal science program	GC w/ reducing gas detector	?	
		-80°C freezer	\$10K	
		Variable incubator	\$8K	
		Refrigerator	\$2K	
<hr/> Dry dock <hr/>				
BMF	Basic microbiology	2 variable incubators	\$16K	
		Autoclave	\$4.2K	
		Anaerobic cabinet w/ gas manifold	\$9K plus \$3K	
AMF	More advanced lab work using a separate radio isotope facility	Fume hood	?	This is a long term goal with no particular schedule yet established
		Scintillation counter(s)		
		Freezer		
		2 incubators		