

Category		2013	2014	2015	2016	2017	2018	
FIO								
Sea Days R/V Weatherbird II (50 DAS/year @ \$10,100/day; \$11,000 2017 & 2018)	No OH	\$ -	\$ 505,000	\$ 505,000	\$ 505,000	\$ 550,000	\$ 550,000	
Murawski Lab								
Post Doctoral Researcher(\$30,000/\$60,000 Plus fringe)		\$37,183	\$74,366	\$74,366	\$74,366	\$74,366	\$74,366	
M.S. Students (2 per year)(\$20,000 each + fringe)		\$14,138	\$44,356	\$44,356	\$44,356	\$44,356	\$44,356	
Project Scientists (2)(\$60,000 each plus fringe)		\$83,214	\$166,428	\$166,428	\$166,428	\$166,428	\$166,428	
Video processing work stations		\$10,000	\$10,000		\$10,000			
Laptops		\$4,000		\$4,000				
Supplies and Equipment		\$10,000	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	
Travel		\$5,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	
Computer software		\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	
Training		\$2,000	\$2,000	\$2,000	\$2,000			
Tuition 24 credit hrs x 431	No OH	\$5,172	\$20,688	\$20,688	\$20,688	\$20,688	\$20,688	
Workshops and Coordination Activities		\$10,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	
Publishing costs/web site maintenance		\$5,000	\$10,000	\$7,000	\$10,000	\$10,000	\$10,000	
COT								
Research Technician Salary (1 full time + 1 part time)		\$43,341	\$ 88,628	\$ 90,872	\$ 93,181	\$ 95,561	\$ 98,012	
Software/Electrical Engineer Salary (part to full time)		\$49,236	\$ 73,912	\$ 75,818	\$ 77,779	\$ 79,801	\$ 26,580	
Mechanical Engineer Salary (part time)		\$31,438	\$ 64,554	\$ 66,283	\$ 68,063	\$ 69,898	\$ 35,893	
Machine Shop Fees		\$15,000	\$ 9,600	\$ 9,600	\$ 9,600	\$ 9,600	\$ 4,800	
Operations Supplies		\$5,500	\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000	\$ 5,500	
Spare CBASS System Components		\$25,500	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 2,500	
CBASS Environmental Sensors		\$15,000						
Environmental Sensor Calibrations		\$5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000		
Raw Materials		\$3,000	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500		
Field Computer		\$2,000						
Underwater Connectors		\$10,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	
Camera Upgrades (5 @ \$5,000)		\$25,000						
Locker Lab								
CO-PI salary and fringe		\$ 69,349	\$ 142,442	\$ 146,298	\$ 150,565	\$ 154,357	\$ 158,574	
Senior Scientist salary and fringe - Hine 1 month Summer		\$ 16,925	\$ 17,433	\$ 17,957	\$ 18,494	\$ 19,050	\$ 19,621	
Post-Doc/Research Assistant		\$ 37,183	\$ 74,366	\$ 74,366	\$ 74,366	\$ 74,366	\$ 74,366	
1 ms student			\$ 24,367	\$ 24,367	\$ 24,367	\$ 24,367	\$ 24,367	
equipment use day rate		\$ 10,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	
software maintenance/upgrades/support		\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	
expenses (shop,supplies)		\$ 10,500	\$ 15,500	\$ 8,500	\$ 8,500	\$ 8,500	\$ 8,500	
travel			\$ 5,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	
tuition	no OH		\$ 10,344	\$ 10,344	\$ 10,344	\$ 10,344	\$ 10,344	
equipment	no OH	\$ 7,000	\$ 6,000	\$ 6,000	\$ 10,000	\$ 5,000	\$ 5,000	
Reson SeaBat 7125 multibeam system (polemount)	no OH	\$ 315,000						
mount of multibeam - Machine shop services		\$7,000						
Shipyards services		\$ 11,000						
Raw materials		\$ 2,000						
Direct Costs		\$ 912,678	\$ 1,486,484	\$ 1,481,743	\$ 1,505,599	\$ 1,544,183	\$ 1,448,894	\$ 8,379,581
USF Overhead @ 49.5%		\$ 289,825	\$ 467,504	\$ 465,157	\$ 474,985	\$ 474,285	\$ 427,117	\$ 2,598,873
Annual Total		\$ 1,202,503.26	\$ 1,953,988.27	\$ 1,946,899.90	\$ 1,980,584.14	\$ 2,018,467.15	\$ 1,876,011.19	\$ 10,978,453.91