Woods Hole Oceanographic Institution

Budget Financial Statement
Budget 2020, Forecast 1 2020, and Budget 2021

Woods Hole Oceanographic Institution
Budget 2020, Forecast 1 2020, and Budget 2021
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Budget 2020, Forecast 1 2020, and Budget 2021

WHOI

Operating Budget

	2020 Budget		2020 Forecast 1		2021 Budget		Variance 2021 Budget vs 2020 Budget		Variance 2021 Budget vs 2020 Fcst 1
Revenue									
Sponsored research:									
Government		136,780.7	$	144,506.2	$	151,847.2	$	15,066.6	$	7,341.07
Subcontracts and nongovernment		36,008.1	$	39,238.7	$	39,679.6	$	3,671.6	$	440.9
Ships and subs operations		28,458.4	$	16,960.9	$	24,731.9	$	(3,726.5)	$	7,771.0
Total sponsored research revenue	$	201,247.1	$	200,705.8	$	216,258.7	$	15,011.6	$	15,552.9
Education funds	$	11,201.9	$	9,952.1	$	11,896.7	$	694.8	$	1,944.53
Total restricted revenue	$	212,449.0	$	210,657.9	$	228,155.4	$	15,706.4	$	17,497.5
Unrestricted Revenue		19,169.0		27,128.5		20,495.9	$	1,326.9	$	(6,632.6)
Total Revenues	$	231,618.0	$	237,786.4	$	248,651.3	$	17,033.3	$	10,864.8
Expenses									
Sponsored research:									
Salaries and fringe benefits	$	52,857.5	$	55,370.2	$	52,064.9	$	(792.60)	$	(3,305.33)
Ships and submersibles	$	28,458.4	$	16,960.9	$	24,731.9	$	(3,726.50)	$	7,770.97
Materials and equipment	$	17,925.4	$	23,605.7	$	20,925.4	$	3,000.00	$	(2,680.25)
Subcontracts	$	27,154.9	$	25,573.3	$	31,154.9	$	4,000.00	$	5,581.55
Laboratory costs recovery	$	-	$	-	$	-	$	-	$	-
Contractors/Service Centers	$	28,611.7	$	30,256.7	$	43,142.5	$	14,530.75	$	12,885.78
General & Admin. recovery	$	-	$	-	$	-	$	-	$	-
Indirect Recovery	$	46,239.2	$	48,939.0	$	44,239.2	$	(2,000.00)	$	(4,699.77)
Total sponsored research expenses	$	201,247.1	$	200,705.8	$	216,258.7	$	15,011.6	$	15,553.0
Education:									
- Student expense	$	5,655.6	$	6,093.4	$	6,644.6	$	988.98	$	551.17
- Faculty expense	$	5,732.2	$	5,267.3	$	6,485.1	$	752.90	$	1,217.73
- Postdoctoral programs	$	1,027.9	$	968.5	$	975.7	$	(52.26)	$	7.19
- Other	$	1,506.6	$	1,310.4	$	1,617.8	$	111.22	$	307.41
Total Educational Expenses	$	13,922.3	$	13,639.6	$	15,723.1	$	1,800.8	$	2,083.5
Unrestricted Expenses (w/o Ed)									
Institution Sponsored Research		6,978.8		7,524.8		9,915.9	$	2,937.06	$	2,391.04
Institutional Expenses		10,562.2		15,552.3		11,788.4	$	1,226.18	$	(3,763.94)
Total Unrestricted (w/o Ed)	$	17,541.0	$	23,077.1	$	21,704.2	$	4,163.2	$	(1,372.9)
Total expenses	$	232,710.4	$	237,422.5	$	253,686.1	$	20,975.7	$	16,263.5
Change in unrestr. net assets from operating activities	$	(1,092.4)	$	363.9	$	(5,034.8)	$	(3,942.4)	$	(5,398.7)

WHOI
Unrestricted Budget

	2020 Budget	2020 Forecast 1	2021 Budget	Variance 2021 Budget vs 2020 Budget	Variance 2021 Budget vs 2020 Fcst 1
Revenue					
Discretionary/Other endowment income	$ -	$ -	$ -	$ -	$ -
Unrestricted gift revenue	$ 4,357.6	$ 6,650.4	$ 4,826.3	$ 468.6	$ (1,824.2)
Unrestricted gift revenue - Advancement	$ 1,242.4	$ 1,139.6	$ 73.8	$ (1,168.6)	$ (1,065.8)
Charter Income	$ -	$ -	$ -	$ -	$ -
Alucia lease	$ -	$ 5,180.3	$ -	$ -	$ (5,180.3)
Dalio fee revenue	$ -	$ -	$ -	$ -	$ -
Joint program income	$ 5,440.8	$ 6,487.5	$ 6,097.1	$ 656.2	$ (390.5)
Unrestricted endowment income	$ 4,292.0	$ 4,326.5	$ 4,166.0	$ (126.0)	$ (160.5)
Investment income	$ 50.0	$ 100.0	$ 50.0	$ -	$ (50.0)
Fees	$ 1,100.0	$ 1,100.0	$ 1,000.0	$ (100.0)	$ (100.0)
Fixed Price Income	$ 700.0	$ 800.0	$ 700.0	$ -	$ (100.0)
Cost Share in Kind	$ 500.0	$ -	$ -	$ (500.0)	$ -
Other income	$ 300.0	$ 300.0	$ 2,600.0	$ 2,300.0	$ 2,300.0
Deep Sea Challenger Proceeds	$ -	$ -	$ -	$ -	$ -
CMR Membership Revenue	$ 500.0	$ 385.0	$ 300.0	$ (200.0)	$ (85.0)
Public information income	$ 131.4	$ 108.6	$ 123.9	$ (7.5)	$ 15.3
Oceanus magazine subscriptions	$ 2.2	$ 1.1	$ 2.2	$ -	$ 1.2
USGS rental income	$ 462.8	$ 483.5	$ 465.2	$ 2.4	$ (18.3)
Commercial rental income	$ 89.8	$ 66.0	$ 91.5	$ 1.7	$ 25.6
Total unrestricted revenue	**$ 19,169.0**	**$ 27,128.5**	**$ 20,495.9**	**$ 1,326.9**	**$ (6,632.6)**

	2020 Budget	2020 Forecast 1	2021 Budget	Variance 2021 Budget vs 2020 Budget	Variance 2021 Budget vs 2020 Fcst 1
Institutional Expenses					
Expenses with Gift in Kind	$ 6.8	$ 2.7	$ 6.9	$ 0.1	$ 4.2
Commercial rental expenses	$ 33.6	$ 33.5	$ 38.5	$ 4.9	$ 5.1
USGS facilities charge	$ 371.5	$ 368.0	$ 401.6	$ 30.1	$ 33.6
Marine Ops	$ 908.1	$ 927.7	$ 1,004.7	$ 96.6	$ 77.0
Building Maintenance	$ 46.0	$ 43.0	$ 49.8	$ 3.8	$ 6.8
Equipment Depreciation	$ 91.7	$ 91.7	$ 56.2	$ (35.5)	$ (35.5)
Real Estate Taxes	$ 268.1	$ 257.8	$ 250.7	$ (17.4)	$ (7.1)
Institution-general	$ 340.3	$ 362.9	$ 403.9	$ 63.6	$ 41.0
Total Institutional Expenses	**$ 2,066.0**	**$ 2,087.2**	**$ 2,212.3**	**$ 146.3**	**$ 125.1**
Communications Office					
- Public Information	$ 281.6	$ 250.1	$ 185.3	$ (96.2)	$ (64.7)
- Oceanus magazine	$ 121.2	$ 137.5	$ 123.1	$ 2.0	$ (14.3)
- Communications Office	$ 1,302.7	$ 1,242.2	$ 1,494.8	$ 192.1	$ 252.6
- Marketing	$ 96.3	$ 129.7	$ 28.8	$ (67.5)	$ (100.9)
- Website Development/Maint.	$ 41.7	$ 40.7	$ 12.0	$ (29.7)	$ (28.7)
Total Communications	**$ 1,843.4**	**$ 1,800.2**	**$ 1,844.1**	**$ 0.6**	**$ 43.9**
Institution Program Expenses					
- Directorate	$ 509.7	$ 418.8	$ 1,008.2	$ 498.5	$ 589.5
- Office of Advancement	$ 1,398.7	$ 1,378.2	$ 1,514.2	$ 115.5	$ 136.0
- Dir of Special Projects	$ -	$ -	$ -	$ -	$ -
- Dir of OOI	$ -	$ -	$ -	$ -	$ -
- Govt. Relations	$ 399.4	$ 387.4	$ 439.2	$ 39.8	$ 51.8
- Trustees/Institution	$ 41.9	$ 31.9	$ 41.1	$ (0.8)	$ 9.2

Total Institution Program Expenses	**$ 2,349.6**	**$ 2,216.3**	**$ 3,002.8**	**$ 653.1**	**$ 786.5**
Development					
- Development Office	$ 3,392.8	$ 3,384.0	$ 3,749.7	$ 356.9	$ 365.7
- Adv Services & Systems	$ 146.6	$ 158.5	$ 152.9	$ 6.2	$ (5.7)
- Stewardship	$ 4.8	$ 4.8	$ 4.9	$ 0.1	$ 0.1
- Principal Gifts	$ 1.8	$ 1.1	$ -	$ (1.8)	$ (1.1)
- Annual Programs/Events	$ 490.0	$ 466.9	$ 555.5	$ 65.5	$ 88.6
- Planned Giving	$ 90.3	$ 88.1	$ 73.3	$ (17.0)	$ (14.8)
- Foundation Relations	$ 29.6	$ 29.0	$ 30.0	$ 0.4	$ 1.1
- Major Gifts	$ 147.2	$ 135.9	$ 163.0	$ 15.9	$ 27.1
Total Development Expenses	**$ 4,303.1**	**$ 4,268.3**	**$ 4,729.2**	**$ 426.2**	**$ 460.9**

	2020 Budget	2020 Forecast 1	2021 Budget	Variance 2021 Budget vs 2020 Budget	Variance 2021 Budget vs 2020 Fcst 1
Institution Sponsored Research					
Institutional Cost sharing	$ 2,645.3	$ 2,600.0	$ 3,000.0	$ 354.7	$ 400.0
Advancement Cost Share Budget Relieving	$ (323.0)	$ (100.0)	$ -	$ 323.0	$ 100.0
Net Cost Share	$ 2,322.3	$ 2,500.0	$ 3,000.0	$ 677.7	$ 500.0
Science Write Offs	$ -	$ 0.5	$ 100.0	$ 100.0	$ 99.5
				$ -	$ -
Interest Groups	$ -	$ -	$ -	$ -	$ -
				$ -	$ -
WHOI Institutes	$ -	$ -	$ -	$ -	$ -
Administrative	$ -	$ -	$ -	$ -	$ -
Project Related	$ -	$ -	$ -	$ -	$ -
Discretionary	$ 2,419.0	$ 2,419.0	$ 3,984.1	$ 1,565.1	$ 1,565.1
Dept Accounts	$ 385.0	$ 355.0	$ 356.0	$ (29.0)	$ 1.0
DoR's Discretionary	$ 667.0	$ 697.0	$ 740.3	$ 73.3	$ 43.3
PI Accounts	$ 917.0	$ 917.0	$ 937.8	$ 20.8	$ 20.8
President's Accounts	$ 300.0	$ 300.0	$ 1,800.0	$ 1,500.0	$ 1,500.0
Research Opportunities	$ 150.0	$ 150.0	$ 150.0	$ -	$ -
				$ -	$ -
ICP Svc Center Subsidy	$ 150.0	$ 150.0	$ 150.0	$ -	$ -
Deep Sea Challenger Repairs	$ -	$ -	$ -	$ -	$ -
ISP - Unrestricted	$ 2,087.5	$ 2,455.3	$ 2,681.8	$ 594.4	$ 226.5
Total Institution Sponsored Research	$ 6,978.8	$ 7,524.8	$ 9,915.9	$ 2,937.1	$ 2,391.0
Education program	$ 2,720.4	$ 3,687.5	$ 3,826.5	$ 1,106.1	$ 139.0
Alucia Lease	$ -	$ 5,180.3	$ -	$ -	$ (5,180.3)
Subtotal w/o Education Unrestricted	$ 17,541.0	$ 23,077.1	$ 21,704.2	$ 4,163.2	$ (1,372.9)
Total unrestricted expense from operations	**$ 20,261.4**	**$ 26,764.6**	**$ 25,530.7**	**$ 5,269.3**	**$ (1,233.9)**
Net increase/(decrease) before other charges	**$ (1,092.4)**	**$ 363.9**	**$ (5,034.8)**	$ (3,942.4)	$ (5,398.7)
(Gain)/Loss on Potential Sale of Properties	$ -	$ -	$ -	$ -	$ -
	$ -	$ -	$ -	$ -	$ -
Total unrestricted expenses	**$ 20,261.4**	**$ 26,764.6**	**$ 25,530.7**	$ 5,269.3	$ (1,233.9)
Net increase/(decrease) after other charges	**$ (1,092.4)**	**$ 363.9**	**$ (5,034.8)**	**$ (3,942.4)**	**$ (5,398.7)**

WHOI
Sponsored Research

	2020 Budget	2020 Forecast 1	2021 Budget	Variance 2021 Budget vs 2020 Budget	Variance 2021 Budget vs 2020 Fcst 1
Government:					
National Science Foundation	$ 43,084.3	$ 44,413.2	$ 47,933.9	$ 4,849.6	$ 3,520.7
United States Navy	$ 34,235.6	$ 38,235.6	$ 37,757.8	$ 3,522.2	$ (477.8)
National Oceanic & Atmospheric Admin.	$ 13,926.4	$ 13,926.4	$ 15,521.3	$ 1,594.9	$ 1,594.9
NSF-OOI	$ 33,921.8	$ 36,795.6	$ 38,640.6	$ 4,718.8	$ 1,845.0
Department of Energy	$ 2,093.1	$ 2,093.1	$ 2,400.0	$ 306.9	$ 306.9
United States Geological Survey	$ 1,723.7	$ 1,723.7	$ 1,812.4	$ 88.7	$ 88.7
National Aeronautics & Space Admin	$ 5,221.7	$ 5,221.7	$ 5,471.7	$ 250.0	$ 250.0
Other	$ 2,574.1	$ 2,096.8	$ 2,309.5	$ (264.6)	$ 212.7
Total government sponsored research	$ 136,780.7	$ 144,506.2	$ 151,847.2	$ 15,066.6	$ 7,341.1
Subcontracts:					
NSF - Prime	$ 3,012.8	$ 2,982.6	$ 2,928.5	$ (84.3)	$ (54.1)
OOI	$ -	$ -	$ -	$ -	$ -
Other government - prime	$ 9,642.3	$ 13,136.8	$ 11,195.2	$ 1,552.9	$ (1,941.6)
Total subcontracts	$ 12,655.1	$ 16,119.4	$ 14,123.7	$ 1,468.6	$ (1,995.7)
Nongovernment:					
Privately funded grants	$ 8,824.1	$ 9,675.1	$ 11,005.0	$ 2,180.9	$ 1,329.9
WHOI endowment & other income	$ 5,010.1	$ 5,010.1	$ 5,275.5	$ 265.4	$ 265.4
Foreign/State and Other	$ 9,518.8	$ 8,434.2	$ 9,275.5	$ (243.3)	$ 841.3
Total nongovernment	$ 23,353.0	$ 23,119.4	$ 25,555.9	$ 2,203.0	$ 2,436.6
Total subcontracts and nongovernment	$ 36,008.1	$ 39,238.7	$ 39,679.6	$ 3,671.6	$ 440.9
Total Sponsored Research less ship/sub ops	$ 172,788.7	$ 183,744.9	$ 191,526.9	$ 18,738.2	$ 7,782.0
Ship and sub operations					
Ship Operations	$ 18,173.3	$ 11,867.4	$ 13,878.1	$ (4,295.2)	$ 2,010.8
Submersibles & ROV Operations	$ 10,285.0	$ 5,093.5	$ 10,853.7	$ 568.7	$ 5,760.2
Total Ship and Sub Operations	$ 28,458.4	$ 16,960.9	$ 24,731.9	$ (3,726.5)	$ 7,771.0
Total Sponsored Research	$ 201,247.1	$ 200,705.8	$ 216,258.7	$ 15,011.6	$ 15,552.9

WHOI
Education

	2020 Budget	2020 Forecast 1	2021 Budget	Variance 2021 Budget vs 2020 Budget	Variance 2021 Budget vs 2020 Fcst 1
Revenue:					
Joint program tuition Income	$ 5,440.8	$ 6,487.5	$ 6,097.1	$ 642.4	$ (390.5)
Endowment:					
General	$ 8,272.7	$ 7,790.4	$ 9,212.0	$ 939.3	$ 1,421.6
Johnson chairs	$ 1,484.1	$ 1,386.8	$ -	$ (1,484.1)	$ (1,386.8)
Housing Income	$ 340.0	$ 60.0	$ 100.0	$ (228.7)	$ 40.0
Gifts and Other	$ 150.0	$ 40.0	$ 75.0	$ (75.0)	$ 35.0
Total Revenue	$ 15,687.6	$ 15,764.7	$ 15,484.0	$ (206.1)	$ (280.6)
Expenses:					
Student support	$ 4,932.4	$ 5,482.1	$ 5,925.3	$ 992.08	$ 443.27
Student expenses	$ 723.2	$ 611.4	$ 719.3	$ 51.2	$ 107.9
Faculty expense:					
- General	$ 5,100.5	$ 4,638.0	$ 5,770.2	$ 431.9	$ 1,132.3
- Johnson Chairs	$ 631.6	$ 629.4	$ 714.9	$ 47.3	$ 85.5
Postdoctoral programs	$ 1,027.9	$ 968.5	$ 975.7	$ (13.8)	$ 7.2
Education office	$ 945.0	$ 984.7	$ 1,135.0	$ 148.9	$ 150.4
Other programs	$ 154.2	$ -	$ 26.8	$ (119.9)	$ 26.8
Housing expense	$ 388.1	$ 325.7	$ 429.4	$ 27.1	$ 103.7
Visiting scholars	$ 19.3	$ -	$ 26.5	$ 7.2	$ 26.5
Total expense	$ 13,922.3	$ 13,639.6	$ 15,723.1	$ 1,571.9	$ 2,083.5
Total Rev less Total Expenses	$ 1,765.3	$ 2,125.0	$ (239.1)	$ (1,778.0)	$ (2,364.1)
Joint program tuition income to WHOI	$ 2,720.4	$ 2,800.0	$ 2,270.6	$ (449.8)	$ (529.4)
Net increase/(decrease)	**$ (955.1)**	**(675.0)**	**(2,509.7)**	**$ (1,328.2)**	**$ (1,834.7)**
Ed. Rev less Joint Prog. Inc. (lines 1 - 4)	$ 10,246.8	$ 9,277.1	$ 9,387.0	$ (848.5)	$ 109.8
Ed Funds Available (Operating Budget)	$ 11,201.9	$ 9,952.1	$ 11,896.7	$ 479.7	$ 1,944.5

WHOI
Summary of MTDC Base, Overhead Costs and Rates

Budget 2020	**Research**		**Marine Research**		**Institution**		**Academic Programs**		**Ships**		**Submersibles**	
Modified Total Direct Costs - BASE	$ 85,436.3		$ 7,213.9		$ 7,687.0		$ 4,529.3		$ 10,811.3		$ 7,108.8	
Modified Total Direct Costs	**Indirect Costs**	**Indirect Cost Rate (MTDC)**	**Indirect Costs**	**Indirect Cost Rate (MTDC)**	**Indirect Costs**	**Indirect Cost Rate (MTDC)**	**Indirect Costs**	**Indirect Cost Rate (MTDC)**	**Indirect Costs**	**Indirect Cost Rate (MTDC)**	**Indirect Costs**	**Indirect Cost Rate (MTDC)**
Interest	$ 2,188.4	2.6%	$ 3.4	0.0%	$ 45.5	0.6%	$ 24.3	0.5%	-	-	$ 6.5	0.1%
Depreciation	$ 4,937.3	5.8%	$ 42.5	0.6%	$ 374.0	4.9%	$ 315.6	7.0%	$ 625.6	5.8%	$ 21.3	0.3%
Operations Maintenance and Utility	$ 2,884.5	3.4%	$ 20.1	0.3%	$ 90.2	1.2%	$ 100.5	2.2%	$ 19.3	0.2%	$ 15.4	0.2%
Operations and Maintenance	$ 7,735.5	9.1%	$ 117.9	1.6%	$ 478.5	6.2%	$ 582.8	12.9%	$ 72.6	0.7%	$ 51.0	0.7%
Total Facilities Costs	$ 17,745.7	20.8%	$ 183.9	2.5%	$ 988.2	12.9%	$ 1,023.1	22.6%	$ 717.4	6.6%	$ 94.1	1.3%
General Administration	$ 21,013.8	24.6%	$ 1,506.6	20.9%	$ 1,766.8	23.0%	$ 1,130.8	25.0%	$ 2,347.9	21.7%	$ 1,466.9	20.6%
Library	$ 1,412.6	1.7%	-	-	-	-	$ 355.0	7.8%	-	-	-	-
Sponsored Project Administration	$ 1,521.7	1.8%	$ 109.1	1.5%	-	-	-	-	-	-	-	-
Department Administration	$ 11,211.6	13.1%	$ 1,074.6	14.9%	-	-	-	-	$ 1,130.5	10.5%	$ 339.9	4.8%
Total Administrative Costs	$ 35,159.7	41.2%	$ 2,690.3	37.3%	$ 1,766.8	23.0%	$ 1,485.8	32.8%	$ 3,478.4	32.2%	$ 1,806.8	25.4%
Subtotal Indirect Costs	$ 52,905.4	61.9%	$ 2,874.2	39.8%	$ 2,755.0	35.8%	$ 2,509.0	55.4%	$ 4,195.9	38.8%	$ 1,900.9	26.7%
Carryforward (MTDC)	(360.9)	(0.4%)	(267.6)	(3.7%)	-	-	-	-	-	-	-	-
Total Indirect Costs plus Carryforward	**52,544,547**	**61.50%**	**2,606,664**	**36.13%**	**2,754,979**	**35.84%**	**2,508,970**	**55.39%**	**4,195,854**	**38.81%**	**1,900,948**	**26.74%**

Forecast 1 2020	**Research**		**Marine Research**		**Institution**		**Academic Programs**		**Ships**		**Submersibles**	
Modified Total Direct Costs - BASE	$ 81,638.8		$ 7,967.2		$ 8,646.5		$ 4,467.4		$ 7,534.9		$ 4,052.5	
Modified Total Direct Costs	**Indirect Costs**	**Indirect Cost Rate (MTDC)**	**Indirect Costs**	**Indirect Cost Rate (MTDC)**	**Indirect Costs**	**Indirect Cost Rate (MTDC)**	**Indirect Costs**	**Indirect Cost Rate (MTDC)**	**Indirect Costs**	**Indirect Cost Rate (MTDC)**	**Indirect Costs**	**Indirect Cost Rate (MTDC)**
Interest	$ 2,083.9	2.6%	$ 3.2	0.0%	$ 43.3	0.5%	$ 23.1	0.5%	-	-	$ 6.1	0.2%
Depreciation	$ 4,815.6	5.9%	$ 41.5	0.5%	$ 367.0	4.2%	$ 309.0	6.9%	$ 650.7	8.6%	$ 20.7	0.5%
Operations Maintenance and Utility	$ 2,921.1	3.6%	$ 20.3	0.3%	$ 91.4	1.1%	$ 101.7	2.3%	$ 19.6	0.3%	$ 15.6	0.4%
Operations and Maintenance	$ 7,988.7	9.8%	$ 121.8	1.5%	$ 494.2	5.7%	$ 601.9	13.5%	$ 74.9	1.0%	$ 52.7	1.3%
Total Facilities Costs	$ 17,809.2	21.8%	$ 186.8	2.3%	$ 995.9	11.5%	$ 1,035.8	23.2%	$ 745.2	9.9%	$ 95.1	2.3%
General Administration	$ 22,297.9	27.3%	$ 1,828.3	22.9%	$ 2,162.0	25.0%	$ 1,233.9	27.6%	$ 1,856.5	24.6%	$ 930.0	22.9%
Library	$ 1,418.2	1.7%	-	-	-	-	$ 356.4	8.0%	-	-	-	-
Sponsored Project Administration	$ 1,495.9	1.8%	$ 122.6	1.5%	-	-	-	-	-	-	-	-
Department Administration	$ 11,169.1	13.7%	$ 1,372.1	17.2%	-	-	-	-	$ 818.5	10.9%	$ 287.9	7.1%
Total Administrative Costs	$ 36,381.1	44.6%	$ 3,323.0	41.7%	$ 2,162.0	25.0%	$ 1,590.4	35.6%	$ 2,675.1	35.5%	$ 1,217.9	30.1%
Subtotal Indirect Costs	$ 54,190.3	66.4%	$ 3,509.9	44.1%	$ 3,157.9	36.5%	$ 2,626.2	58.8%	$ 3,420.3	45.4%	$ 1,313.0	32.4%
Carryforward (MTDC)	(360.9)	(0.4%)	(267.6)	(3.4%)	-	-	-	-	-	-	-	-
Total Indirect Costs plus Carryforward	**53,829,453**	**65.94%**	**3,242,305**	**40.70%**	**3,157,853**	**36.52%**	**2,626,161**	**58.78%**	**3,420,300**	**45.39%**	**1,313,041**	**32.40%**

Budget 2021	**Research**		**Marine Research**		**Institution**		**Academic Programs**		**Ships**		**Submersibles**	
Modified Total Direct Costs - BASE	$ 90,539.6		$ 4,461.5		$ 8,612.5		$ 5,096.3		$ 7,686.0		$ 6,763.2	
Modified Total Direct Costs	**Indirect Costs**	**Indirect Cost Rate (MTDC)**	**Indirect Costs**	**Indirect Cost Rate (MTDC)**	**Indirect Costs**	**Indirect Cost Rate (MTDC)**	**Indirect Costs**	**Indirect Cost Rate (MTDC)**	**Indirect Costs**	**Indirect Cost Rate (MTDC)**	**Indirect Costs**	**Indirect Cost Rate (MTDC)**
Interest	$ 2,441.0	2.7%	$ 3.9	0.1%	$ 52.4	0.6%	$ 48.3	0.9%	$ 0.8	0.0%	$ 7.2	0.1%
Depreciation	$ 4,987.9	5.5%	$ 41.6	0.9%	$ 332.6	3.9%	$ 303.9	6.0%	$ 684.1	8.9%	$ 20.9	0.3%
Operations Maintenance and Utility	$ 2,854.0	3.2%	$ 19.2	0.4%	$ 90.0	1.0%	$ 95.1	1.9%	$ 18.3	0.2%	$ 14.9	0.2%
Operations and Maintenance	$ 8,549.9	9.4%	$ 130.5	2.9%	$ 528.8	6.1%	$ 645.5	12.7%	$ 79.8	1.0%	$ 57.1	0.8%
Total Facilities Costs	$ 18,832.7	20.8%	$ 195.2	4.4%	$ 1,003.8	11.7%	$ 1,092.9	21.4%	$ 783.0	10.2%	$ 100.2	1.5%
General Administration	$ 25,840.4	28.5%	$ 1,100.2	24.7%	$ 2,272.0	26.4%	$ 1,462.3	28.7%	$ 2,000.9	26.0%	$ 1,621.5	24.0%
Library	$ 1,480.8	1.6%	-	-	-	-	$ 382.9	7.5%	-	-	-	-
Sponsored Project Administration	$ 1,516.7	1.7%	$ 64.6	1.4%	-	-	-	-	-	-	-	-
Department Administration	$ 12,557.0	13.9%	$ 968.9	21.7%	-	-	-	-	$ 1,142.0	14.9%	$ 502.5	7.4%
Total Administrative Costs	$ 41,395.0	45.7%	$ 2,133.7	47.8%	$ 2,272.0	26.4%	$ 1,845.1	36.2%	$ 3,142.9	40.9%	$ 2,124.1	31.4%
Subtotal Indirect Costs	$ 60,227.7	66.5%	$ 2,328.9	52.2%	$ 3,275.7	38.0%	$ 2,938.0	57.7%	$ 3,925.9	51.1%	$ 2,224.3	32.9%
Carryforward (MTDC)	(2,422.9)	(2.7%)	(226.4)	(5.1%)	-	-	-	-	-	-	-	-
Total Indirect Costs plus Carryforward	**57,804,850**	**63.84%**	**2,102,526**	**47.13%**	**3,275,740**	**38.03%**	**2,938,015**	**57.65%**	**3,925,897**	**51.08%**	**2,224,256**	**32.89%**

WHOI
Employee Benefits

	2020 Budget	2020 Forecast 1	2021 Budget	Variance 2021 Budget vs 2020 Budget	Variance 2021 Budget vs 2020 Fcst 1
Paid Absences:					
Sick pay	$ 1,677.4	$ 1,677.4	$ 1,727.7	$ 50.3	$ 50.3
Family illness	$ 450.0	$ 400.0	$ 400.0	$ (50.0)	$ -
Holiday	$ 3,027.4	$ 3,027.4	$ 3,136.0	$ 108.6	$ 108.6
Bereavement	$ 61.8	$ 100.0	$ 103.0	$ 41.2	$ 3.0
Emergency leave - snow	$ 331.0	$ 331.0	$ 340.9	$ 9.9	$ 9.9
Special Emergency Leave	$ -	$ 2,058.0	$ 2,157.0	$ 2,157.0	$ 99.0
Jury duty	$ 20.0	$ 20.0	$ 20.0	$ -	$ (0.0)
Military leave	$ 15.0	$ 15.0	$ 21.0	$ 6.0	$ 6.0
Parental leave	$ 110.0	$ 110.0	$ 113.0	$ 3.0	$ 3.0
Vacation earned	$ 6,024.5	$ 6,024.5	$ 6,555.4	$ 530.9	$ 530.9
Paid Absences Carryforward	$ 469.7	$ 469.7	$ 1,024.9	$ 555.2	$ 555.2
Total Paid Absences	$ 12,186.8	$ 14,233.0	$ 15,598.9	$ 3,412.2	$ 1,365.9
Health Insurance:					
Mass Workforce Training Fund	$ 100.0	$ 100.0	$ 100.0	$ -	$ -
Group medical	$ 8,547.4	$ 8,547.4	$ 9,174.2	$ 626.7	$ 626.7
Health Care Reimbursement from				$ -	$ -
VEBA Trust	$ -	$ -	$ -	$ -	$ -
Long term disability	$ 82.0	$ 95.5	$ 86.6	$ 4.6	$ (8.9)
Short term disability	$ 918.2	$ 645.0	$ 388.5	$ (529.8)	$ (256.5)
Workers Compensation	$ 336.8	$ 387.0	$ 421.4	$ 84.6	$ 34.5
MA Paid Family Med Leave	$ -	$ 325.0	$ 325.0	$ 325.0	$ -
Delta dental	$ 550.0	$ 525.0	$ 550.0	$ -	$ 25.0
Total Health Insurance	$ 10,534.5	$ 10,624.9	$ 11,045.7	$ 511.2	$ 420.8
Life Insurance:					
Group life insurance	$ 56.6	$ 66.7	$ 58.0	$ 1.4	$ (8.7)
Travel and accident	$ 9.2	$ 9.2	$ 9.2	$ (0.1)	$ (0.1)
Burial insurance	$ -	$ -	$ -	$ -	$ -
Total Life Insurance	$ 65.9	$ 75.9	$ 67.2	$ 1.3	$ (8.7)
Retirement:					
Medicare tax	$ 1,182.9	$ 1,182.9	$ 1,236.4	$ 53.5	$ 53.5
Social security tax	$ 4,523.3	$ 4,523.3	$ 4,899.3	$ 375.9	$ 375.9
Retirement plan - DB	$ 13,000.0	$ 13,000.0	$ 15,800.0	$ 2,800.0	$ 2,800.0
Retirement plan - DC	$ 8,683.8	$ 8,683.8	$ 8,192.0	$ (491.8)	$ (491.8)
Parity Plan	$ -	$ -	$ -	$ -	$ -
Total Retirement	$ 27,390.1	$ 27,390.1	$ 30,127.7	$ 2,737.6	$ 2,737.6
Total Unemployement	$ 850.0	$ 850.0	$ 850.0	$ -	$ -
Other:					
Employee welfare program	$ 21.0	$ 32.0	$ 38.0	$ 17.0	$ 6.0
Employee education	$ 65.0	$ 65.0	$ 72.0	$ 7.0	$ 7.0
Casual Sick	$ 10.0	$ 7.5	$ 10.0	$ -	$ 2.5
Child care subsidy	$ 345.0	$ 345.0	$ 345.0	$ -	$ -
Consulting	$ 424.0	$ 424.0	$ 300.0	$ (124.0)	$ (124.0)
Total Other	$ 865.0	$ 873.5	$ 765.0	$ (100.0)	$ (108.5)
Total Fringe Benefits before Carryforw	$ 39,705.5	$ 39,814.3	$ 42,855.5	$ 3,150.1	$ 3,041.2
Fringe Carryforward	$ (1,759.4)	$ (1,759.4)	$ 1,586.5	$ 3,345.9	$ 3,345.9
Total Fringe Benefits	$ 37,946.0	$ 38,054.9	$ 44,442.0	$ 6,495.9	$ 6,387.1
Total Benefit Exp. w/o Carryforward	$ 51,422.5	$ 53,577.7	$ 57,429.6	$ 6,007.0	$ 3,851.9
Total Carryforward	$ (1,289.7)	$ (1,289.7)	$ 2,611.4	$ 3,901.1	$ 3,901.1
Total Employee Benefit expenses	$ 50,132.8	$ 52,287.9	$ 60,040.9	$ 9,908.1	$ 7,753.0

WHOI
Departmental Administration, Library and Sponsored Project Administration

	2020 Budget	2020 Forecast 1	2021 Budget	Variance 2021 Budget vs 2020 Budget	Variance 2021 Budget vs 2020 Fcst 1
Science Depts					
Biology	$ 1,141.8	$ 1,018.1	$ 1,286.3	$ 144.4	$ 268.1
Marine Chemistry & Geochemisty	$ 1,163.9	$ 1,161.2	$ 1,278.0	$ 114.1	$ 116.8
Geology & Geophysics	$ 1,069.7	$ 1,100.5	$ 1,155.1	$ 85.4	$ 54.6
Applied Ocean Physics & Engineering	$ 1,743.1	$ 1,727.5	$ 1,967.1	$ 223.9	$ 239.6
Physical Oceanography	$ 1,035.9	$ 1,085.4	$ 1,213.7	$ 177.8	$ 128.3
Special Studies-Marine Policy Center	$ 221.4	$ 233.9	$ 179.9	$ (41.4)	$ (54.0)
Staff Training	$ 100.0	$ 89.7	$ 150.0	$ 50.0	$ 60.3
Total Science Depts	$ 6,475.8	$ 6,416.3	$ 7,230.0	$ 754.2	$ 813.7
Ocean Institutes					
Ocean Life Institute	$ -	$ -	$ -	$ -	$ -
Ocean Climate & Change Institute	$ -	$ -	$ -	$ -	$ -
Deep Ocean Exploration Institute	$ 56.7	$ 55.6	$ 37.5	$ (19.2)	$ (18.1)
Coastal Ocean Institute	$ -	$ -	$ -	$ -	$ -
Center Ocean Seafloor Mar Obs	$ 327.3	$ 327.2	$ 346.2	$ 18.8	$ 19.0
Total Ocean Institutes	$ 384.0	$ 382.8	$ 383.7	$ (0.3)	$ 0.8
IS					
CIS Grants Module	$ 38.1	$ 25.4	$ (0.0)	$ (38.1)	$ (25.4)
CIS Unix Lab Support	$ -	$ -	$ -	$ -	$ -
CIS Computer Cluster	$ -	$ -	$ -	$ -	$ -
IS Research & Engineering	$ 1,839.6	$ 1,887.5	$ 2,251.3	$ 411.7	$ 363.9
Informatics Working Group	$ 42.0	$ 42.1	$ 44.3	$ 2.3	$ 2.2
Imaging & Visualization	$ 0.1	$ 0.1	$ 0.1	$ -	$ (0.0)
Total IS	$ 1,919.7	$ 1,955.0	$ 2,295.7	$ 375.9	$ 340.6
Marine Ops					
Diving Program	$ 241.1	$ 241.1	$ 262.5	$ 21.3	$ 21.3
Small Boats	$ 158.6	$ 158.6	$ 178.5	$ 19.9	$ 19.9
Mooring & Rigging Services	$ 143.9	$ 142.9	$ 146.7	$ 2.8	$ 3.8
Deep Sumbergence Program	$ 102.2	$ 101.0	$ 108.8	$ 6.6	$ 7.8
Marine Shore Services	$ 1,483.1	$ 1,257.4	$ 1,442.6	$ (40.5)	$ 185.1
NDSF Management	$ 550.6	$ 667.8	$ 687.4	$ 136.8	$ 19.7
Total Marine Ops	$ 2,679.5	$ 2,568.8	$ 2,826.4	$ 147.0	$ 257.6
Science & Research					
New Scientists	$ 969.5	$ 679.5	$ 1,088.4	$ 118.9	$ 408.9
Emeritus Scientists	$ 19.6	$ 19.6	$ 18.9	$ (0.7)	$ (0.7)
Task Budgets	$ 143.5	$ 178.5	$ 165.9	$ 22.4	$ (12.6)
Total Science & Resrch	$ 1,132.6	$ 877.6	$ 1,273.2	$ 140.6	$ 395.5
Radiation and Safety Committee	$ 16.9	$ 16.9	$ 18.7	$ 1.7	$ 1.7
Other	$ 465.9	$ 435.0	$ 415.9	$ (50.0)	$ (19.1)
Budget Adjustment	$ -	$ -	$ -	$ -	$ -
Carryforward	$ -	$ -	$ -	$ -	$ -
Total Departmental Administration	$ 13,074.4	$ 12,652.6	$ 14,443.5	$ 1,369.1	$ 1,790.9
Total Library	$ 1,410.3	$ 1,393.0	$ 1,488.9	$ 78.6	$ 95.9
Total Sponsored Projects Administration	$ 1,549.1	$ 1,486.8	$ 1,492.8	$ (56.3)	$ 6.0

WHOI
General Administration

		2020 Budget		2020 Forecast 1		2021 Budget		Variance 2021 Budget vs 2020 Budget		Variance 2021 Budget vs 2020 Fcst 1
Administrative functions:										
Directorate	$	4,343.0	$	4,331.5	$	5,524.4	$	1,181.4	$	1,192.9
Communications Office										
- Public Information	$	56.8	$	57.8	$	51.8	$	(5.0)	$	(6.0)
- Communications Office	$	1,050.0	$	1,049.9	$	1,042.0	$	(8.0)	$	(8.0)
- Website Operations	$	148.8	$	149.9	$	146.8	$	(2.0)	$	(3.1)
Total Communications	$	1,255.6	$	1,257.6	$	1,240.5	$	(15.1)	$	(17.1)
Administration, Accounting, Finance										
- Finance & Accounting	$	2,450.7	$	2,446.9	$	2,807.9	$	357.2	$	361.0
- Procurement/Property	$	1,169.7	$	1,203.1	$	1,275.0	$	105.3	$	72.0
- Stockroom	$	135.0	$	189.8	$	207.4	$	72.4	$	17.6
- Human Resources	$	2,228.9	$	2,188.5	$	2,602.0	$	373.1	$	413.4
- Recruiting/Relocation	$	618.9	$	890.5	$	740.6	$	121.7	$	(149.9)
- Severance	$	213.0	$	213.0	$	213.0	$	-	$	0.0
- Shipping	$	688.5	$	680.7	$	750.0	$	61.5	$	69.3
- Vehicle Operations	$	672.7	$	598.6	$	713.2	$	40.6	$	114.6
- Mailroom	$	185.0	$	172.3	$	196.1	$	11.1	$	23.9
- Environmental, Health & Safety	$	912.4	$	846.6	$	959.1	$	46.6	$	112.5
- IS	$	2,473.1	$	2,347.2	$	2,548.5	$	75.3	$	201.2
- IS Management	$	2,364.2	$	2,629.7	$	2,925.0	$	560.8	$	295.3
- Food Services	$	145.7	$	182.7	$	165.4	$	19.7	$	(17.3)
- Tech Transfer/Energy Initiative	$	578.6	$	461.2	$	708.1	$	129.5	$	247.0
Total Admin/Accounting/Finance	$	14,836.4	$	15,050.7	$	16,811.3	$	1,974.9	$	1,760.6
Dir. Rsrch & President										
- Committees, Councils	$	172.2	$	218.1	$	203.6	$	31.4	$	(14.5)
- Board Relations	$	425.3	$	412.3	$	458.0	$	32.7	$	45.7
- IR&D Costs	$	2,602.0	$	2,602.0	$	3,925.0	$	1,323.0	$	1,323.0
- IR&D OTT	$	-	$	-	$	-	$	-	$	-
- Bid & Proposal	$	1,636.8	$	1,614.9	$	2,113.3	$	476.6	$	498.4
- Industrial Security	$	126.1	$	113.8	$	189.9	$	63.8	$	76.0
Total Dir. Rsrch	$	4,962.4	$	4,961.2	$	6,889.8	$	1,927.4	$	1,928.7
General										
- Audit (annual audits)/Legal	$	802.0	$	884.6	$	675.0	$	(127.0)	$	(209.6)
- G&A General	$	479.1	$	477.8	$	566.7	$	87.6	$	88.9
Total General	$	1,281.1	$	1,362.3	$	1,241.7	$	(39.4)	$	(120.6)
Total expenses before carryforward	$	26,678.4	$	26,963.4	$	31,707.7	$	5,029.3	$	4,744.4
Carryforward	$	-	$	-	$	-	$	-	$	-
Total General Administration	$	26,678.4	$	26,963.4	$	31,707.7	$	5,029.3	$	4,744.4

WHOI
Facilities

	2020 Budget	2020 Forecast 1	2021 Budget	Variance 2021 Budget vs 2020 Budget	Variance 2021 Budget vs 2020 Fcst 1
Plant Operation Costs	$ 5,072.8	$ 5,150.2	$ 5,845.8	$ 773.0	$ 695.6
Computer Replacements	$ 16.0	$ 20.0	$ 20.0	$ 4.0	$ -
Plant Facilities Services	$ 76.1	$ 69.5	$ 81.2	$ 5.1	$ 11.6
Plant Meetings & Conferences	$ 152.8	$ 158.2	$ 179.8	$ 27.0	$ 21.7
Plant Cleaning Services	$ 851.1	$ 1,010.3	$ 950.0	$ 98.9	$ (60.3)
Plant Guard Force	$ 736.5	$ 750.9	$ 790.7	$ 54.2	$ 39.8
Plant Facilities Office	$ 894.1	$ 907.8	$ 933.7	$ 39.6	$ 25.8
IS Communications	$ 1,542.7	$ 1,557.6	$ 1,601.7	$ 59.0	$ 44.2
Total Operations and Maintenance	$ 9,342.1	$ 9,624.5	$ 10,402.9	$ 1,060.8	$ 778.4
OM Utilities	$ 3,940.0	$ 3,990.0	$ 3,890.0	$ (50.0)	$ (100.0)
Building and Renovation Depr	$ 7,331.9	$ 7,135.8	$ 7,320.0	$ (11.9)	$ 184.3
Interest	$ 3,072.3	$ 2,925.6	$ 3,431.1	$ 358.8	$ 505.5
Total Facilities	$ 23,686.3	$ 23,675.9	$ 25,044.0	$ 1,357.7	$ 1,368.1