

Woods Hole Oceanographic Institution

**Report on Federal Awards in Accordance with the
Uniform Guidance**

December 31, 2024

EIN #042105850

Woods Hole Oceanographic Institution

Index

December 31, 2024

	Page(s)
Part I – Financial Statements and Supplemental Schedule of Expenditures of Federal Awards	
Report of Independent Auditors	1–3
Financial Statements and Notes to Financial Statements	4–32
Schedule of Expenditures of Federal Awards	33–37
Notes to Schedule of Expenditures of Federal Awards	38
Part II - Reports on Internal Control and Compliance and Other Matters	
Report of Independent Auditors on Internal Control Over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with <i>Government Auditing Standards</i>	39–40
Report of Independent Auditors on Compliance for Each Major Program and on Internal Control Over Compliance Required by Uniform Guidance.....	41–43
Part III - Audit Findings	
Schedule of Findings and Questioned Costs	44
Summary Schedule of Prior Audit Findings and Status	45



Report of Independent Auditors

To the Board of Trustees of
Woods Hole Oceanographic Institution

Report on the Audit of the Financial Statements

Opinion

We have audited the accompanying financial statements of Woods Hole Oceanographic Institution (the “Institution”), which comprise the statements of financial position as of December 31, 2024 and December 31, 2023, and the related statements of activities for the year ended December 31, 2024, and of cash flows for the years ended December 31, 2024 and December 31, 2023, including the related notes (collectively referred to as the “financial statements”).

In our opinion, the accompanying financial statements present fairly, in all material respects, the financial position of the Institution as of December 31, 2024 and December 31, 2023, and the changes in its net assets for the year ended December 31, 2024, and its cash flows for the years ended December 31, 2024 and December 31, 2023 in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinion

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (US GAAS) and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Our responsibilities under those standards are further described in the Auditors’ Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Institution and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Other Matter

We previously audited the statement of financial position as of December 31, 2023, and the related statements of activities and of cash flows for the year then ended (the statement of activities is not presented herein), and in our report dated July 22, 2024, we expressed an unmodified opinion on those financial statements. In our opinion, the information set forth in the accompanying summarized financial information for the year then ended is consistent, in all material respects, with the audited financial statements from which it has been derived.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Institution’s ability to continue as a going concern for one year after the date the financial statements are available to be issued.



Auditors' Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with US GAAS and *Government Auditing Standards*, will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with US GAAS and *Government Auditing Standards*, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Institution's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Institution's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Supplemental Information

Our audit was conducted for the purpose of forming an opinion on the financial statements as a whole. The accompanying schedule of expenditures of federal awards for the year ended December 31, 2024 is presented for purposes of additional analysis as required by Title 2 U.S. *Code of Federal Regulations* Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance) and is not a required part of the financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures, in accordance with auditing standards generally accepted in the United States of America. In our opinion, the schedule of expenditures of federal awards is fairly stated, in all material respects, in relation to the financial statements taken as a whole.



Other Information

Management is responsible for the other information included in the annual report. The other information comprises Woods Hole Oceanographic Institution Financial Report (not presented herein), but does not include the financial statements and our auditor's report thereon. Our opinion on the financial statements does not cover the other information, and we do not express an opinion or any form of assurance thereon.

In connection with our audit of the financial statements, our responsibility is to read the other information and consider whether a material inconsistency exists between the other information and the financial statements or the other information otherwise appears to be materially misstated. If, based on the work performed, we conclude that an uncorrected material misstatement of the other information exists, we are required to describe it in our report.

Other Reporting Required by *Government Auditing Standards*

In accordance with *Government Auditing Standards*, we have also issued our report dated July 23, 2025 on our consideration of the Institution's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements and other matters for the year ended December 31, 2024. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing and not to provide an opinion on the effectiveness of internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Institution's internal control over financial reporting and compliance.

A handwritten signature in blue ink that reads "PricewaterhouseCoopers LLP". The signature is written in a cursive, slightly slanted style.

PricewaterhouseCoopers LLP
Boston, Massachusetts
July 23, 2025

Woods Hole Oceanographic Institution
Statements of Financial Position
December 31, 2024 and 2023

	2024	2023
Assets		
Cash and cash equivalents, unrestricted	\$ 17,963,621	\$ 9,308,063
Cash and cash equivalents, restricted	24,230,977	36,508,259
Billed accounts receivable (net of provision for expected credit losses)	4,509,964	4,789,805
Unbilled accounts receivable	28,089,897	32,774,952
Receivable for investments sold	29,097,729	171,089,941
Other receivables	717,878	839,609
Inventory	3,035,514	3,433,344
Deferred charges and prepaid expenses	4,040,823	6,446,888
Pledges receivable, net (Note 5)	49,516,591	52,170,437
Right of use asset	112,025	189,018
Investments designated for retiree and active medical plans (Note 3 & 10)	8,594,217	8,866,786
Investments, pooled (Note 3)	495,252,918	323,431,125
Other assets	5,174,903	5,309,108
	<u>670,337,057</u>	<u>655,157,335</u>
Property, plant and equipment		
Land, buildings and improvements	245,836,592	233,742,048
Vessels and dock facilities	27,361,386	25,286,712
Laboratory and other equipment	60,873,120	53,728,911
Construction in process	4,008,983	5,797,968
	<u>338,080,081</u>	<u>318,555,639</u>
Accumulated depreciation	<u>(215,770,624)</u>	<u>(199,646,739)</u>
Net property, plant and equipment	<u>122,309,457</u>	<u>118,908,900</u>
Contributions receivable from remainder trusts, long-term, net (Note 6)	1,088,691	942,506
Total assets	<u>\$ 793,735,205</u>	<u>\$ 775,008,741</u>
Liabilities		
Accounts payable and other liabilities	\$ 26,974,795	\$ 28,178,399
Accrued payroll and related liabilities	16,635,260	14,083,224
Deferred revenue and refundable advances	897,320	3,097,143
Deferred fixed rate variance (Note 7)	10,435,512	3,306,200
Right of use liability	112,025	189,018
Accrued postretirement liability (Note 10)	20,210,592	19,601,470
Accrued pension liability (Note 9)	16,842,385	37,505,068
Bonds payable (Note 8)	74,543,569	76,482,751
Total liabilities	<u>166,651,458</u>	<u>182,443,273</u>
Net assets		
Without donor restrictions	85,891,674	70,486,409
With donor restrictions	541,192,073	522,079,059
Total net assets	<u>627,083,747</u>	<u>592,565,468</u>
Total liabilities and net assets	<u>\$ 793,735,205</u>	<u>\$ 775,008,741</u>

The accompanying notes are an integral part of these financial statements.

Woods Hole Oceanographic Institution
Statement of Activities
Year Ended December 31, 2024
With Summarized Financial Information for the Year Ended December 31, 2023

	Without Donor Restrictions	With Donor Restrictions	2024	2023
Revenues				
Sponsored research				
Government	\$ 185,849,590	-	\$ 185,849,590	\$ 183,498,494
Ships and submersibles operations	47,316,451	-	47,316,451	38,746,902
Subcontracts and nongovernment	27,222,803	40,139,231	67,362,034	69,846,625
Sponsored research assets released to operations	46,259,155	(46,259,155)	-	-
Fixed price awards	957,238	-	957,238	947,025
Education				
Joint program income	9,090,920	-	9,090,920	8,446,531
Endowment income	-	9,771,870	9,771,870	9,700,986
Education funds released from restriction	11,028,645	(11,028,645)	-	-
Education fees	412,450	-	412,450	368,303
Contributions and gifts	7,156,424	26,819,594	33,976,018	47,892,925
Contributions in kind	1,192,667	-	1,192,667	643,333
Investment return designated for current operations	4,534,113	-	4,534,113	4,395,044
Releases from restrictions	-	(17,880,466)	(17,880,466)	(24,770,676)
Fees	1,286,424	-	1,286,424	1,277,263
Rental income	559,897	-	559,897	552,800
Communication and publications	529,348	-	529,348	520,840
Designated net assets appropriated	3,166,667	-	3,166,667	-
Other	2,502,446	-	2,502,446	2,332,036
Total revenues	<u>349,065,238</u>	<u>1,562,429</u>	<u>350,627,667</u>	<u>344,398,430</u>
Expenses				
Research	244,975,321	-	244,975,321	234,399,286
Marine operations	14,356,226	-	14,356,226	14,032,119
Academic programs	17,044,370	-	17,044,370	15,210,585
Other Institution activities	20,335,773	-	20,335,773	20,165,001
Un-sponsored research	9,846,317	-	9,846,317	6,937,159
Ships and submersibles	47,316,451	-	47,316,451	38,746,902
Total expenses	<u>353,874,458</u>	<u>-</u>	<u>353,874,458</u>	<u>329,491,052</u>
Change in net assets from operating activities	<u>(4,809,220)</u>	<u>1,562,429</u>	<u>(3,246,791)</u>	<u>14,907,378</u>
Nonoperating revenue and expenses				
Investment return greater than amounts designated for sponsored research, education and current operations	3,413,216	16,597,617	20,010,833	26,536,777
Return on investments for retiree and active medical plans	771,001	-	771,001	1,684,136
Change in split interest agreements	98,540	156,202	254,742	620,143
Other nonoperating income/(expenses)	(61,567)	371,013	309,446	(51,936)
Designated net assets appropriated	(3,166,667)	-	(3,166,667)	-
Gifts for plant	-	425,753	425,753	-
Net periodic benefit income	5,741,740	-	5,741,740	5,577,629
Pension and post-retirement related changes other than net periodic benefit costs (Note 9 & Note 10)	13,418,222	-	13,418,222	(5,938,847)
Change in net assets from nonoperating activities	<u>20,214,485</u>	<u>17,550,585</u>	<u>37,765,070</u>	<u>28,427,902</u>
Total change in net assets	15,405,265	19,113,014	34,518,279	43,335,280
Net assets at				
Beginning of year	<u>70,486,409</u>	<u>522,079,059</u>	<u>592,565,468</u>	<u>549,230,188</u>
End of year	<u>\$ 85,891,674</u>	<u>\$ 541,192,073</u>	<u>\$ 627,083,747</u>	<u>\$ 592,565,468</u>

The accompanying notes are an integral part of these financial statements.

Woods Hole Oceanographic Institution

Statements of Cash Flows

December 31, 2024 and 2023

	2024	2023
Cash flows from operating activities		
Total change in net assets	\$ 34,518,279	\$ 43,335,280
Adjustments to reconcile total change in net assets to net cash used in operating activities		
Depreciation	16,647,711	12,348,127
Amortization	(514,182)	(528,336)
Change in split interest agreements	(254,740)	(620,143)
Allowance for uncollectible pledges	(108,189)	1,064,708
Discount on pledges	(787,224)	915,397
Net realized and unrealized (gain)/loss on investments	(43,758,861)	(51,369,514)
Net realized and unrealized (gain)/loss on contributions to investments	582,716	-
Pension related changes other than net periodic pension costs	(13,418,222)	5,938,847
Contributions to be used for long-term investment	(9,553,801)	(2,091,371)
Receipt of contributed securities	(4,537,444)	(193,908)
Liquidation of contributed securities	4,537,444	193,908
(Increase) decrease in assets		
Reimbursable costs and fees		
Billed	279,841	3,315,408
Unbilled	4,685,055	(12,364,539)
Other receivables	121,731	38,347
Pledges receivable	3,549,260	(15,140,938)
Inventory	397,832	(166,119)
Deferred charges and prepaid expenses	2,406,064	(652,469)
Other assets	(2,048,510)	342,571
Remainder trusts	(146,185)	(118,693)
Increase (decrease) in liabilities		
Accrued pension and postretirement liability	(6,635,340)	(6,395,640)
Accounts payable and other liabilities	(151,031)	7,534,920
Accrued payroll and related liabilities	2,552,035	1,084,465
Deferred revenue and refundable advances	(2,199,823)	1,596,018
Deferred fixed rate variance	7,129,311	(897,523)
Net cash used in operating activities	<u>(6,706,273)</u>	<u>(12,831,197)</u>
Cash flows from investing activities		
Other assets		
Contribution to investment	-	(1,600,000)
Capital expenditures		
Additions to property, plant and equipment	(19,246,102)	(9,975,661)
Bond proceeds		
Proceeds used for property, plant and equipment, net	-	1,573,237
Endowment and other		
Purchase of investments	(177,979,164)	(41,825,622)
Sale of investments	49,145,232	211,002,986
Receivable for investments sold	141,992,212	(148,844,385)
Proceeds from the sale of investments designated for retiree and active medical plans	1,043,570	2,214,296
Net cash used in investing activities	<u>(5,044,252)</u>	<u>12,544,851</u>
Cash flows from financing activities		
Repayments under debt agreement	(1,425,000)	(1,360,000)
Contributions to be used for long-term investment	9,553,801	2,091,371
Net cash provided by financing activities	<u>8,108,801</u>	<u>731,371</u>
Net (decrease) increase in cash and cash equivalents	<u>(3,621,724)</u>	<u>444,025</u>
Cash and cash equivalents		
Beginning of year	45,816,322	45,371,297
End of year	<u>\$ 42,194,598</u>	<u>\$ 45,816,322</u>
Supplemental disclosures		
Cash paid for interest	\$ 3,431,375	\$ 3,501,000
Noncash activity		
Construction in process additions remaining in accounts payable	1,470,925	673,091
Contributed securities	4,537,444	193,908

The accompanying notes are an integral part of these financial statements.

Woods Hole Oceanographic Institution

Notes to Financial Statements

December 31, 2024 and 2023

1. Background

Woods Hole Oceanographic Institution (the "Institution") is a private, independent not-for-profit research and educational institution located in Woods Hole, Massachusetts. Founded in 1930, the Institution is dedicated to advancing knowledge of the ocean and its interaction with the Earth system through a sustained commitment to excellence in science, engineering, and education and to the application of this knowledge to problems facing society.

The Institution is a qualified tax-exempt organization under Section 501(c)(3) of the Internal Revenue Code as it is organized and operated for education and scientific purposes.

2. Summary of Significant Accounting Policies

Basis of Presentation

The accompanying financial statements have been prepared on the accrual basis and in accordance with accounting principles generally accepted in the United States of America.

The financial statements include certain prior-year summarized comparative information in total but not by net asset class. Such information does not include sufficient detail to constitute a presentation in conformity with accounting principles generally accepted in the United States of America. Accordingly, such information should be read in conjunction with the Institution's audited financial statements for the year ended December 31, 2023, from which the summarized information was derived.

Net assets, revenues, and realized and unrealized gains and losses are classified based on the existence or absence of donor-imposed restrictions and legal restrictions imposed under Massachusetts State law. Accordingly, net assets and changes therein are classified as follows:

Net Assets With Donor Restrictions

Donor-imposed restricted net assets are subject to donor-imposed stipulations that they be maintained by the Institution in perpetuity, or may or will be met by actions of the Institution and/or the passage of time. Generally, the donors of donor-restricted endowment funds permit the Institution to use all or part of the income earned and capital appreciation, if any, on related investments for general or specific purposes. Assets in an endowment fund are donor restricted assets until the Institution appropriates and spends such sums in accordance with the terms of the underlying endowment funds and in accordance with Massachusetts law, at which time they will be released to revenues without donor restrictions.

Net Assets Without Donor Restrictions

Net assets without donor restrictions are not subject to donor-imposed stipulations. Revenues are reported as increases in net assets without donor restrictions unless use of the related assets is limited by donor-imposed restrictions with the exception of certain investment expenses which are required to be netted against investment return. Expenses are reported as decreases in net assets without donor restrictions. Gains and losses on investments and other assets or liabilities are reported as increases or decreases in net assets without donor restrictions unless their use is restricted by explicit donor stipulations or law. Expirations of net assets with donor restrictions, that is, the donor-imposed stipulated purpose has been accomplished and/or the stipulated time period has elapsed, are reported as releases between the applicable classes of net assets. Amounts received for sponsored research are reflected in sponsored research revenue and released to

The accompanying notes are an integral part of these financial statements.

Woods Hole Oceanographic Institution

Notes to Financial Statements

December 31, 2024 and 2023

operations when spent for the appropriate purpose, or as deferred revenue if expenditures have yet to be incurred.

Contributions

Contributions, including promises to give, are recognized as revenues in the period received. Contributions subject to donor-imposed stipulations that are met in the same reporting period are reported as support without donor restrictions. Promises to give that are scheduled to be received after the balance sheet date or are subject to donor-imposed stipulations are shown as increases in net assets with donor restrictions and are released to net assets without donor restrictions when the purpose or restriction is met. Promises to give, subject to donor-imposed stipulations that the corpus be maintained in perpetuity, are recognized as increases in net assets with donor restrictions. Conditional promises to give are not recognized until the conditions on which they depend are substantially met. Contributions other than cash are generally recorded at market value on the date of the gift (or an estimate of fair value); although certain noncash gifts, for which a readily determinable market value cannot be established, are recorded at a nominal value until such time as the value becomes known. Contributed securities are sold immediately upon receipt. Contributions to be received after one year are discounted at the appropriate rate commensurate with risk. Amortization of such discount is recorded as additional contribution revenue in accordance with restrictions imposed by the donor on the original contribution, as applicable. Amounts receivable for contributions are reflected net of an applicable reserve for collectability.

The Institution reports contributions in the form of land, buildings, or equipment as operating support without donor restrictions at fair market value when received.

Dividends, interest and net gains on investments of endowment and similar funds are reported as follows:

- As increases in net assets with donor restrictions if the terms of the gift require that they be added to the principal of a donor restricted endowment fund;
- As increases in net assets with donor restrictions if the terms of the gift or relevant state law impose restrictions on the current use of the income or net realized and unrealized gains until they are appropriated for expenditure and/or the purpose restrictions are met; and
- As increases in net assets without donor restrictions in all other cases.

Operations

The statement of activities reports the Institution's operating and nonoperating activities. Operating revenues and expenses consist of those activities attributable to the Institution's current annual research or educational programs, all gifts received, charter income, and a component of endowment income appropriated for operations (Note 3). Endowment investment income, gains and losses, from endowment funds without donor restrictions, over or under the amount appropriated under the Institution's spending plan are reported as nonoperating revenue (expense) as investment return in excess of (less than) amounts designated for sponsored research, education and current operations.

Nonoperating revenues (expenses) also include the change in value of split interest agreements and the net periodic pension income (cost) on the noncontributory defined benefit pension plan that is not reimbursed through negotiated fixed rate agreements with the federal government.

The accompanying notes are an integral part of these financial statements.

Woods Hole Oceanographic Institution
Notes to Financial Statements
December 31, 2024 and 2023

Additionally, nonoperating activities include redesignation of donor gifts, depreciation on certain government-funded facilities and pension related changes other than net periodic pension costs.

As a result of an amendment to the postretirement health plan, in 2012 and forward, the Institution recognizes the return on investments designated for retiree and active medical plan expenses, and actual active and retiree medical expenses as nonoperating activities when these expenses are funded by withdrawals from the postretirement plan (Note 10).

Cash and Cash Equivalents

Cash and cash equivalents consist of cash, money market accounts, certificates of deposit and overnight repurchase agreements with initial maturities of three months or less when purchased which are stated at cost, which approximates market value.

The Institution has elected to treat all short-term highly liquid investments, (i.e., cash equivalents), embedded in pooled investments, investments designated for retiree and active medical plans and split interest agreements as short-term investments.

The Institution invests its cash and cash equivalents in money market funds at a financial institution which fully insures the balances held.

Included in restricted cash at December 31, 2024 and 2023, respectively, are advances received from the United States Navy, other U.S. Government and state agencies as well as contributions from donors who have restricted money for specific research initiatives. Interest earned on unspent funds from federal agencies is remitted to the federal government. Restricted cash also includes Board designated cash and is detailed in the table below:

	2024	2023
US Navy & Other Government Advances	\$ 23,937,329	\$ 34,829,163
Massachusetts Radiation Control	293,648	282,324
Cape Cod 5 Endowment Cash	-	702,857
Board designated cash	-	693,915
	<u> </u>	<u> </u>
Total cash and cash equivalents, restricted	<u>\$ 24,230,977</u>	<u>\$ 36,508,259</u>

The following table provides a reconciliation of cash, cash equivalents and restricted cash reported within the statements of financial position that sum to the total of the same such amounts presented in the statements of cash flows.

	2024	2023
Cash and cash equivalents, unrestricted	\$ 17,963,621	\$ 9,308,063
Cash and cash equivalents, restricted	<u>24,230,977</u>	<u>36,508,259</u>
	<u> </u>	<u> </u>
Total cash, cash equivalents and restricted cash in the statement of cash flows	<u>\$ 42,194,598</u>	<u>\$ 45,816,322</u>

Investments

Investment securities are carried at market value and determined as follows: securities traded on a national securities exchange are valued at the last reported sales price on the last business day of

The accompanying notes are an integral part of these financial statements.

Woods Hole Oceanographic Institution

Notes to Financial Statements

December 31, 2024 and 2023

the year; securities traded in the over-the-counter market and listed securities for which no sales prices were reported on that day are valued at closing bid prices. The value of publicly traded securities or mutual funds are based upon quoted market prices and net asset values. Other investments, such as private equity funds, venture capital funds and hedge funds for which no such quotations or valuations are readily available, are carried at fair value as estimated by management using values provided by external investment managers. The Institution reviews and evaluates the valuations provided by investment managers and believes that these valuations are a reasonable estimate of fair value as of December 31, 2024 and 2023 but are subject to uncertainty and therefore, may differ from the value that would have been used had a ready market for the investments existed and such differences could be material.

Purchases and sales of investment securities are recorded on a trade date basis. Realized gains and losses are computed on a specific identification method. Investment income, net of investment expenses, is distributed on the unit method.

The Institution makes investments in funds that make direct investments in public securities, over the counter securities, and other securities which may or may not have readily available market prices. The Institution follows authoritative guidance under generally accepted accounting principles for estimating the fair value of investments in those funds that have calculated net asset value per share in accordance with the specialized accounting guidance for investment companies. Accordingly, the Institution uses the net asset value, (NAV) without further adjustment as a practical expedient to determine the fair value of these funds which (a) do not have a readily determinable fair value and (b) either have the attributes of an investment company or prepare their financial statements consistent with the measurement principles of an investment company. These values are reviewed and approved by the Institution.

Investment Income Unitization

The Institution's investments are pooled in an endowment fund and the investments and allocation of income are tracked on a unitized basis. The Institution distributes to operations for each individual fund an amount of investment income earned by each of the fund's proportionate share of investments based on a total return policy.

The Board of Trustees has appropriated all of the income and a specified percentage of the net appreciation (depreciation) to operations as prudent considering the Institution's long- and short-term needs, present and anticipated financial requirements, expected total return on its investments, price level trends, and general economic conditions. Under the Institution's current endowment spending policy, which is within the guidelines specified under state law, the Institution's annual operating budget should not exceed 5.0% of the Fund's (pooled investments) trailing 36 month rolling average market value. This amounted to \$22,547,000 and \$22,244,000 for the years ended December 31, 2024 and 2023, respectively, and is classified in operating revenues (research, education, and operations). The Institution is subject to the Massachusetts Uniform Prudent Management of Institutional Funds Act (UPMIFA) and, thus, classifies amounts in its donor-restricted endowment funds as net assets with donor restrictions because those net assets are time restricted until the Board of Trustees appropriates such amounts for expenditure. Most of those net assets also are subject to purpose restrictions that must be met before reclassifying those net assets to net assets without donor restrictions. The Board of Trustees has interpreted UPMIFA as not requiring the maintenance of purchasing power of the original gift amount contributed to an endowment fund, unless a donor stipulates the contrary. As a result of this interpretation, when reviewing its donor-restricted endowment funds the Institution considers a fund to be underwater if the fair value of the fund is less than the sum of (a) the original value of initial and subsequent gift amounts donated to the fund and (b) any accumulations to the fund that are required to be maintained in perpetuity in accordance with the direction of the applicable donor

The accompanying notes are an integral part of these financial statements.

Woods Hole Oceanographic Institution

Notes to Financial Statements

December 31, 2024 and 2023

gift instrument. The Institution has interpreted UPMIFA to permit spending from underwater funds in accordance with the prudent measures required under the law. From time to time, the fair value of assets associated with individual donor-restricted endowment funds may fall below the level that the donor requires the Institution to retain as a fund of perpetual duration. There were no underwater endowment funds at December 31, 2024.

Other Assets

Other assets consist of investments held by various split-interest agreements, donated property, and cash equivalents with a maturity date greater than ninety days.

Inventories

Inventories are stated at the lower of cost or net realizable value. Cost is determined using the first-in, first-out method. Included in inventories are costs associated with the construction of engineered equipment under contracts totaling \$384,924 and \$619,140 at December 31, 2024 and 2023, respectively.

Contracts and Grants

Revenue earned on grants for research is recognized as related costs are incurred. Revenue on contracts is recognized as value is transferred to customers, which is comparable to when related costs are incurred for research and research and development contracts. For engineered equipment contracts, revenue is recognized at a point in time when the equipment is delivered.

The Institution received 83% and 85% of its sponsored research revenues from government agencies including 52% and 49% of its operating revenues directly from the National Science Foundation and 10% and 13% from the United States Navy in fiscal years 2024 and 2023, respectively. Although applications for research funding to federal agencies historically have been funded, authorizations are subject to annual Congressional appropriations and payment.

Joint Program Revenue

The Institution operates a joint graduate program in Oceanography with another institution under a memorandum of agreement. Tuition is charged to students per semester at agreed upon rates.

Other Income

Included in other income is royalty, investment and charter income.

Deferred Financing Costs

Costs incurred in connection with the placement of the MassDevelopment, Revenue Bonds, Woods Hole Oceanographic Institution Issue, Series 2018, have been deferred and are being amortized over the term of the obligation on a straight-line basis, which approximates the effective interest method. The unamortized portion of the deferred financing costs are included in the offset to long-term debt on the statement of financial position.

Property, Plant and Equipment

Property, plant and equipment are stated at cost. Depreciation is provided on a straight-line basis at annual rates of 12 to 39 years on buildings and improvements, 10 to 15 years on vessels and dock facilities and 5 to 10 years on laboratory and other equipment. Depreciation expense on property, plant, and equipment purchased by the Institution in the amounts of \$16,054,010 and \$12,278,251 in 2024 and 2023, respectively, has been charged to operating activities. Depreciation on certain government-funded facilities (the Laboratory for Marine Science and the dock facility) amounting to \$51,936 in 2024 and 2023, respectively, has been charged to nonoperating expenses as these assets were gifted by the Government.

The accompanying notes are an integral part of these financial statements.

Woods Hole Oceanographic Institution

Notes to Financial Statements

December 31, 2024 and 2023

Leases

The Institution leases portions of certain buildings to others under arrangements that are classified as operating leases. The term of these two agreements does not exceed five years. Annual rental income under these agreements is \$379,358 for the years ended December 31, 2024 and 2023, respectively. Income under other operating agreements totaled \$85,577 and \$104,498 for the years ended December 31, 2024 and 2023, respectively. Operating leases are included in right of use assets and right of use lease liabilities in the Institution's statement of financial position at December 31, 2024 and 2023.

Expenses

Expenses are recognized when incurred and charged to the functions to which they are directly related. Sponsored research includes general research, marine operations research and services and ship and submersible operation and usage. Academic programs costs are associated primarily with the Joint program. Unsponsored research includes internally funded research activities of the Institution. Other institutional activities include development, communications, marine operations support and other unsponsored activities.

Included in other institution activities are fund raising expenses totaling \$5,329,205 and \$4,538,200 for the years ended December 31, 2024 and 2023. Fund raising expenses totaled approximately 26% and 9% of revenue from contributions for the years ending December 31, 2024 and 2023. The calculation includes costs associated with the Institution's Development Office, (including direct support activities) and the Contributions and gifts total presented on the statement of activities (excluding Contributions in kind).

Use of Estimates

The preparation of the financial statements in accordance with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and the disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the period. Actual results could differ from those estimates.

New Accounting Pronouncements

In June 2016, The FASB issued ASU No.2016-13 Measurement of Credit Losses on Financial Instruments (Topic 326), which replaces the current GAAP incurred loss impairment methodology with one that reflects expected credit losses and requires consideration of a broader range of reasonable and supportable information to inform credit loss estimates. The amendments in this Update for the Institution are effective for the year ended December 31, 2023.

The Institution's accounts receivable is reported at an amount equal to the amount that is expected to be collected for providing services to customers. Because accounts receivable is typically paid for by highly-solvent, creditworthy payors, such as government agencies, credit losses are infrequent and insignificant in nature; as such, the Institution generally does not recognize a provision for expected credit losses. Amounts recognized for expected credit losses are immaterial to the financial statements.

3. Investments

In January 2024, the Institution engaged a new Outsourced Chief Investment Officer (OCIO). As part of the transition, approximately 52% of the endowment investments remained in a side pocket

The accompanying notes are an integral part of these financial statements.

Woods Hole Oceanographic Institution
Notes to Financial Statements
December 31, 2024 and 2023

within an investment fund managed by the prior OCIO. These assets are shown in Venture Capital and Partnerships in the Endowment Asset Table.

The following table presents the classification and carrying value of investments at December 31:

	<u>Market</u>	
	<u>2024</u>	<u>2023</u>
Assets		
Cash and cash equivalents	\$ 55,214,415	\$ 3,821,904
Government Bonds	27,056,642	-
Exchange Traded Funds	15,018,358	-
Futures Contracts	14,089	-
Venture Capital and Partnerships	297,061,165	-
Hedge Funds	100,888,249	-
Multi-strategy Investment Funds - Short-term		
Liquidity Funds	-	25,012,610
Multi-strategy Investment Funds - WHOI Investment Holdings, LP	-	294,596,611
Total investments pooled	<u>495,252,918</u>	<u>323,431,125</u>
Investments designated for retiree and active medical plans		
Commingled funds	<u>8,594,217</u>	<u>8,866,786</u>
Total investments designated for retiree and active medical plans	<u>8,594,217</u>	<u>8,866,786</u>
Total investments at fair value	<u>\$ 503,847,135</u>	<u>\$ 332,297,911</u>

The following schedule summarizes the investment return and its classification in the statement of activities:

	Without Donor Restrictions	With Donor Restrictions	Total 2024
Change in unrealized appreciation	\$ 6,927,396	\$ 30,176,248	\$ 37,103,644
Change in realized appreciation	1,019,933	4,434,256	5,454,189
Total return on investments	<u>7,947,329</u>	<u>34,610,504</u>	<u>42,557,833</u>
Investment return designated for			
Sponsored research	-	(8,241,017)	(8,241,017)
Education	-	(9,771,870)	(9,771,870)
Current operations	<u>(4,534,113)</u>	<u>-</u>	<u>(4,534,113)</u>
Total distributed to operations	<u>(4,534,113)</u>	<u>(18,012,887)</u>	<u>(22,547,000)</u>
Investment return in excess of amounts designated for sponsored research, education and current operations	<u>\$ 3,413,216</u>	<u>\$ 16,597,617</u>	<u>\$ 20,010,833</u>

The accompanying notes are an integral part of these financial statements.

Woods Hole Oceanographic Institution
Notes to Financial Statements
December 31, 2024 and 2023

	Without Donor Restrictions	With Donor Restrictions	Total 2023
Change in unrealized appreciation	\$ 9,022,045	\$ 39,757,544	\$ 48,779,589
Total return on investments	<u>9,022,045</u>	<u>39,757,544</u>	<u>48,779,589</u>
Investment return designated for			
Sponsored research	-	(8,147,970)	(8,147,970)
Education	-	(9,700,986)	(9,700,986)
Current operations	<u>(4,395,044)</u>	<u>-</u>	<u>(4,395,044)</u>
Total distributed to operations	<u>(4,395,044)</u>	<u>(17,848,956)</u>	<u>(22,244,000)</u>
Investment return in excess of amounts designated for sponsored research, education and current operations	<u>\$ 4,627,001</u>	<u>\$ 21,908,588</u>	<u>\$ 26,535,589</u>

Net realized and unrealized gains attributable to investments designated for retiree and active medical plans were \$771,001 and \$1,684,136 for the years ended December 31, 2024 and 2023, respectively.

Investment securities are exposed to various risks such as interest rate, market and credit risks. Due to the level of risk associated with certain investments, it is at least reasonably possible that changes in the value of investment securities will occur in the near term and that such changes could materially affect the market values and the amounts reported in the statement of financial position.

4. Fair Value Measurements

Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date (also referred to as “exit price”). Therefore, a fair value measurement should be determined based on the assumptions that market participants would use in pricing the asset or liability. In determining fair value, the use of various valuation approaches, including market, income and cost approaches, is permitted.

Fair Value Hierarchy

A fair value hierarchy has been established based on whether the inputs to valuation techniques are observable or unobservable. Observable inputs reflect market data obtained from independent sources, while unobservable inputs reflect the reporting entity’s assumptions about the inputs market participants would use. The fair value hierarchy requires the reporting entity to maximize the use of observable inputs and minimize the use of unobservable inputs when measuring fair value.

The hierarchy is described below:

- Level 1 Valuations using quoted prices in active markets for identical assets or liabilities. Valuations of these products do not require a significant degree of judgment. Level 1 assets and liabilities primarily include debt and equity securities that are traded in an active exchange market.

The accompanying notes are an integral part of these financial statements.

Woods Hole Oceanographic Institution
Notes to Financial Statements
December 31, 2024 and 2023

- Level 2 Valuations using observable inputs other than Level 1 prices such as quoted prices in active markets for similar assets or liabilities; quoted prices for identical or similar assets or liabilities in markets that are not active; broker or dealer quotations; or other inputs that are observable or can be corroborated by observable market data for substantially the full term of the assets or liabilities.
- Level 3 Valuations using unobservable inputs that are supported by little or no market activity and are significant to the fair value of the assets or liabilities. Level 3 includes assets and liabilities whose value is determined using pricing models, discounted cash flow methodologies, or similar techniques.

Inputs broadly refer to the assumptions that market participants use to make valuation decisions, including assumptions about risk. As described in Note 2, the Institution generally uses the net asset value per share of the investment (or its equivalent) reported by the investee fund manager as the primary input to its valuation; however, adjustments to the reported amount may be made based on various factors.

Investments that are valued using the “practical expedient” or net asset value per share (“NAV”) are excluded from the fair value leveling hierarchy. Investments include private equity, venture capital, other limited partnerships and multi strategy funds.

The following tables summarize fair value measurements at December 31, 2024 and 2023 for financial assets and liabilities measured at fair value:

	2024				
	Quoted Prices in Active Markets Level 1	Significant Other Observable Inputs Level 2	Significant Unobservable Inputs Level 3	NAV as Practical Expedient (NAV)	Total Fair Value
Assets					
Cash and cash equivalents	\$ 55,214,415	\$ -	\$ -	\$ -	\$ 55,214,415
Government Bonds	27,056,642	-	-	-	27,056,642
Exchange Traded Funds	15,018,358	-	-	-	15,018,358
Futures Contracts	-	14,089	-	-	14,089
Venture Capital and Partnerships	-	-	-	297,061,165	297,061,165
Hedge Funds	-	-	-	100,888,249	100,888,249
Total pooled	<u>97,289,415</u>	<u>14,089</u>	<u>-</u>	<u>397,949,414</u>	<u>495,252,918</u>
Contributions receivable from remainder trust	-	-	1,088,691	-	1,088,691
Other assets	3,227,007	-	830,609	-	4,057,616
Investments designated for retiree and active medical plans - commingled funds	-	-	-	8,594,217	8,594,217
Total assets at fair value	<u>\$ 100,516,422</u>	<u>\$ 14,089</u>	<u>\$ 1,919,300</u>	<u>\$ 406,543,631</u>	<u>\$ 508,993,442</u>

The accompanying notes are an integral part of these financial statements.

Woods Hole Oceanographic Institution
Notes to Financial Statements
December 31, 2024 and 2023

	2023				Total Fair Value
	Quoted Prices in Active Markets Level 1	Significant Other Observable Inputs Level 2	Significant Unobservable Inputs Level 3	NAV as Practical Expedient (NAV)	
Assets					
Cash and short-term investments	\$ 3,821,904	\$ -	\$ -	\$ -	\$ 3,821,904
Multi-strategy Investment Funds - Short-term Liquidity Funds	-	-	-	25,012,610	25,012,610
Multi-strategy Investment Funds - WHOI Investment Holdings, LP	-	-	-	294,596,611	294,596,611
Total pooled	3,821,904	-	-	319,609,221	323,431,125
Contributions receivable from remainder trust	-	-	942,506	-	942,506
Other assets	3,076,893	-	532,215	-	3,609,108
Investments designated for retiree and active medical plans - commingled funds	-	-	-	8,866,786	8,866,786
Total assets at fair value	\$ 6,898,797	\$ -	\$ 1,474,721	\$ 328,476,007	\$ 336,849,524

The Institution has adopted a policy that defines near-term liquidity as those investments allowing liquidity within 90 days of the reporting period. The following table presents the assets and liability carried at fair value as of December 31, 2024 and 2023 that are classified within Level 3 of the fair value hierarchy defined above:

	2024	
	Fair Value Measurements Using Significant Unobservable Inputs (Level 3)	
	Contributions Receivable From Remainder	
	Trust	Other Assets
Balance at January 1, 2024	\$ 942,506	\$ 532,215
Settlements	-	-
New gifts	-	254,794
Unrealized gains	146,185	43,600
Balance at December 31, 2024	\$ 1,088,691	\$ 830,609

	2023	
	Fair Value Measurements Using Significant Unobservable Inputs (Level 3)	
	Contributions Receivable From Remainder	
	Trust	Other Assets
Balance at January 1, 2023	\$ 823,813	\$ 942,930
Settlements	-	(548,835)
New gifts	-	100,000
Unrealized gains	118,693	38,120
Balance at December 31, 2023	\$ 942,506	\$ 532,215

The accompanying notes are an integral part of these financial statements.

Woods Hole Oceanographic Institution

Notes to Financial Statements

December 31, 2024 and 2023

The change in unrealized gain/(loss) related to Level 3 assets held as of December 31, 2024 and 2023 was \$254,739 and \$620,143, respectively. These amounts are included in the line item "Changes in split interest agreements" in the statement of activities.

Contributions from Remainder Trusts and split interest agreements (included in the category "Other Assets") have stated interest rates and mortality estimates applied for discounting the future cash flows to the Institution for these arrangements. Interest rates and discount rates associated with establishing or recording these agreements are set at the date of gift and the current interest rate environment may be considerably different which affects the fair value calculation. Mortality (the expected length of time until the Institution received the settlement), is also an estimate impacting the fair value calculation. Actual results differing from these estimates in conjunction with deviations in interest rates directly impact the amount of gain or loss recorded in the Changes in split interest agreements in the statement of activities.

The fair market value of the investments described in the table below are based on net asset value per share of the investments as of December 31, 2024.

Assets	Fair Value	Redemption Terms	Redemption Restrictions
Venture Capital and Partnerships	297,061,165	Annual (year end), redemption	\$2,419,957 designated as illiquid remaining lives up to 5 years
Hedge Funds	100,888,249		
Investments designated for retiree and active medical plans - commingled funds	8,594,217	Daily redemption terms	
Total investments	<u>\$ 406,543,631</u>		

The fair market value of the investments described in the table below are based on net asset value per share of the investments as of December 31, 2023.

Assets	Fair Value	Redemption Terms	Redemption Restrictions
Multi-strategy Investment Funds		Monthly redemption terms Annual (year end), redemption terms	\$4,295,680 designated as illiquid remaining lives up to 5 years
Short-term liquidity funds	\$ 25,012,610		
Multi-strategy Investment Funds		Annual (year end), redemption terms	\$4,295,680 designated as illiquid remaining lives up to 5 years
WHOI Investment Holdings, LP	294,596,611		
Investments designated for retiree and active medical plans - commingled funds	8,866,786	Daily redemption terms	
Total investments	<u>\$ 328,476,007</u>		

5. Pledges Receivable, Net

Pledges that are expected to be collected within one year are recorded at their net realizable value. Pledges that are expected to be collected in future years are recorded at the present value of estimated future cash flows. Discount rates used to calculate the present value of pledges receivable ranged from 4.29% to 5.72% and 4.64% to 5.26% at December 31, 2024 and 2023, respectively.

The accompanying notes are an integral part of these financial statements.

Woods Hole Oceanographic Institution
Notes to Financial Statements
December 31, 2024 and 2023

Pledges receivable consist of the following at December 31:

	2024	2023
Unconditional promises expected to be collected in		
Less than one year	\$ 22,418,722	\$ 21,755,323
One year to five years	33,138,881	37,351,539
Reserve for uncollectible pledges receivable	(3,560,536)	(3,668,725)
Unamortized discount	<u>(2,480,476)</u>	<u>(3,267,700)</u>
	<u>\$ 49,516,591</u>	<u>\$ 52,170,437</u>

The total amount of conditional pledges which are not recognized in the Institution's financial statements were \$2,218,798 and \$3,759,276 at December 31, 2024 and 2023.

6. Contribution Receivable from Remainder Trusts, Net and Other Split Interest Agreements

Contributions receivable from remainder trusts at December 31, 2024 and 2023 were \$1,088,691 and \$942,506, respectively. In addition, the Institution is the beneficiary for split interest agreements held in gift annuity and pooled income funds totaling \$830,609 and \$532,215 for the years ended December 31, 2024 and 2023, respectively. These amounts are presented in other assets. Included in accounts payable and other liabilities are net expected payouts of \$401,619 and \$219,554 for the years ended December 31, 2024 and 2023, respectively. Contribution revenue for split interest agreements totaled \$0 for the years ended December 31, 2024 and 2023.

The receivable and other split interest agreements and related revenues are measured at the present value of estimated future cash flows to be received, net of expected payouts, and recorded in the appropriate net asset category based on donor stipulation. During the term of these agreements, changes in the value are recognized based on amortization of discounts and changes in actuarial assumptions. Discount rates used in these calculations was 4.74%, at December 31, 2024 and 2023.

7. Deferred Fixed Rate Variance

The Institution receives funding or reimbursement from federal government agencies for sponsored research under government grants and contracts. Revenue is recognized as related costs are incurred. The Institution has negotiated fixed rates with the federal government for the recovery of certain fringe benefits and indirect costs on these grants and contracts. Such recoveries are subject to carryforward provisions that provide for adjustments to be included in the negotiation of future fixed rates. The deferred fixed rate variance accounts represent the cumulative amount owed to or due from the federal government. The Institution's rates are negotiated with the Office of Naval Research (ONR), the Institution's cognizant agency.

The accompanying notes are an integral part of these financial statements.

Woods Hole Oceanographic Institution
Notes to Financial Statements
December 31, 2024 and 2023

The composition of the deferred fixed rate variance is as follows:

Deferred fixed rate variance liability at December 31, 2022	<u>\$ (4,203,722)</u>
2023 indirect costs	112,498,073
Amounts recovered	<u>(111,600,552)</u>
2023 change	<u>897,521</u>
Deferred fixed rate variance liability at December 31, 2023	<u>(3,306,201)</u>
2024 indirect costs	129,116,665
Amounts recovered	<u>(136,245,976)</u>
2024 change	<u>(7,129,311)</u>
Deferred fixed rate variance liability at December 31, 2024	<u>\$ (10,435,512)</u>

As of December 31, 2024, the Institution has expended a cumulative amount less than recovered amounts of \$10,435,512 which will be reflected as a deduction to future year recoveries. This amount has been reported as a liability of the Institution. Included in the Institution's rate agreements with their cognizant agency is a provision requiring full liquidation of any deferred rate variance generated in a specific year two years into the future as part of that year's rate calculation.

8. Line of Credit and Bonds Payable

Indebtedness at December 31, 2024 and 2023 includes bonds issued through MassDevelopment. Balances of outstanding bonds payable at December 31 consist of the following:

	2024	2023
MassDevelopment, Series 2018, Fixed Rate Revenue Bonds	\$ 67,915,000	\$ 69,340,000
Add: Series 2018 unamortized bond premium	7,129,689	7,665,347
Less: Series 2018 unamortized bond discount	(189,453)	(197,572)
Deferred financing costs	<u>(311,667)</u>	<u>(325,024)</u>
Bonds payable	<u>\$ 74,543,569</u>	<u>\$ 76,482,751</u>

In fiscal 2004, proceeds were received from the offering of the \$54,850,000 MassDevelopment, Variable Rate Revenue Bonds, Woods Hole Oceanographic Institution Issue, Series A (2004), (the "Series A Bonds"), which were used to repay the MassDevelopment B Pool loans and for campus construction completed in December 2007. The bonds contain certain restrictive covenants including limitations on obtaining additional debt, filings of annual financial statements and limitations on the creation of liens. In addition, the Institution agrees that, subject to any governmental restrictions, its fiduciary obligations and limitations imposed by law, it will maintain resources with and without donor restrictions at a market value equal to at least 75% of all outstanding indebtedness.

On December 1, 2008, the Institution issued \$65,000,000 MassDevelopment, Fixed Rate Revenue Bonds, Woods Hole Oceanographic Institution Issue, Series B (2008), (the "Series B Bonds"). The proceeds were used for major maintenance and renovation projects throughout the Institution and were used to retire the Series A Bonds. The Series B Bonds mature in 2034 and bear fixed interest rates from 4.0% to 5.5% payable on June 1 and December 1 beginning in 2009.

The accompanying notes are an integral part of these financial statements.

Woods Hole Oceanographic Institution

Notes to Financial Statements

December 31, 2024 and 2023

The Series B Bonds are collateralized by the Institution's revenues without donor restrictions. The Institution incurred costs of \$268,500 associated with the issue which have been capitalized and are being amortized over the life of the bonds. Debt covenants were with the requirements under the Series A bond agreement until the interest rate swap agreement was terminated in 2022.

On May 9, 2018 the Institution issued \$75,510,000 MassDevelopment, Fixed Rate Revenue Bonds, Woods Hole Oceanographic Series 2018. The Institution received proceeds of \$86,306,214 net of issuance costs of \$644,296, which included underwriter's discount, legal, consulting and Issuer costs. Of this amount \$50,660,224 was used to retire the Series B (2008) obligations of outstanding principal and interest with the remaining amount held by trustees that will be drawn down to fund future maintenance and renovation projects throughout the Institution along with the building of new facilities. The Bonds mature in 2048 and bear fixed interest rates ranging from 4% to 5%. The Series 2018 Bonds contain no financial covenants. Interest expense on the Bonds totaled \$2,884,404 and \$2,945,520.

The Institution maintains two uncollateralized lines of credit with two separate banks. The lines of credit in the aggregate allow for a maximum borrowing capacity of \$45,000,000. The first agreement, with a maximum capacity of \$30,000,000, bears interest at 1% below the Wall Street Journal Prime Rate, contains no expiration date but is subject to annual reviews on or about September 30.

The second agreement, with a maximum capacity of \$15,000,000 bears interest at the current WSJ Prime Rate minus 1%. The current Prime Rate is 7.5%. This agreement requires the Institution to open a deposit account and maintain a \$3,000,000 balance. The loan must be repaid in full for a minimum of thirty consecutive days annually. The Institution had no outstanding borrowings on the lines of credit at either December 31, 2024 or 2023, respectively.

The aggregate maturities due on the Series 2018 long-term debt at December 31, 2024 are as follows:

	Principal Amount
Fiscal year	
2025	\$ 1,500,000
2026	1,575,000
2027	1,660,000
2028	1,745,000
2029	1,835,000
Thereafter	<u>59,600,000</u>
	<u>\$ 67,915,000</u>

9. Retirement Plans

The Institution maintains a noncontributory defined benefit pension plan covering certain employees of the Institution (Qualified Plan), and a supplemental benefit plan for certain other employees. Pension benefits are earned based on years of service and compensation received. The Institution's policy is to fund at least the minimum required by the Employee Retirement Income Security Act of 1974. The Institution sponsors a 403(b) Defined Contribution Plan (DC Plan). Contributions for the defined contribution plan totaled \$11,285,690 and \$9,784,206 for the

The accompanying notes are an integral part of these financial statements.

Woods Hole Oceanographic Institution
Notes to Financial Statements
December 31, 2024 and 2023

years ended December 31, 2024 and 2023, respectively. Effective January 1, 2010, no new participants were allowed to enter the Qualified Plan but were eligible to participate in the DC Plan. The Qualified Plan was placed under a soft freeze for current participants with all future retirement benefits being earned through the new DC Plan and prior benefits adjusted for future salary increases.

	Qualified Plan Pension Benefits	
	2024	2023
Change in benefit obligation		
Benefit obligation at beginning of year	\$ 221,386,875	\$ 213,980,602
Interest cost	11,264,025	11,522,401
Actuarial (gain)/loss	(12,024,408)	10,720,345
Benefits paid	(13,285,234)	(14,836,473)
Transfers from other plans	582,775	-
Benefit obligation at end of year	<u>207,924,033</u>	<u>221,386,875</u>
Change in plan assets		
Fair value of plan assets at beginning of year	183,881,807	176,938,702
Employer contributions	5,273,332	5,025,000
Actual return on plan assets	14,628,968	16,754,578
Benefits paid	(13,285,234)	(14,836,473)
Transfers from other plans	582,775	-
Fair value of plan assets at end of year	<u>191,081,648</u>	<u>183,881,807</u>
Funded status	<u>\$ (16,842,385)</u>	<u>\$ (37,505,068)</u>
Amounts recognized in the statement of financial position consist of		
Accrued benefit liability	<u>\$ 16,842,385</u>	<u>\$ 37,505,068</u>
Net amount recognized	<u>\$ 16,842,385</u>	<u>\$ 37,505,068</u>
Information for pension plans with accumulated benefit obligations in excess of plan assets		
Projected benefit obligation	\$ 207,924,033	\$ 221,386,875
Accumulated benefit obligation	<u>204,515,085</u>	<u>216,024,114</u>
	<u>\$ 412,439,118</u>	<u>\$ 437,410,989</u>
Components of net periodic benefit (income)		
Interest cost	11,264,025	11,522,401
Expected return on plan assets	<u>(11,944,696)</u>	<u>(12,472,131)</u>
Net periodic benefit (income)	<u>\$ (680,671)</u>	<u>\$ (949,730)</u>
Other changes in plan assets and benefit obligations recognized in unrestricted net assets		
Net actuarial (gain)/loss	<u>(14,708,680)</u>	<u>6,437,898</u>
Total recognized in nonoperating (expenses) revenues	<u>\$ (14,708,680)</u>	<u>\$ 6,437,898</u>

The Institution has reflected \$5,273,332 and \$5,025,000 for the years ended December 31, 2024 and 2023, respectively, in the operating section of the statement of activities which represents employer contributions reimbursed through the employee benefit fixed rate as negotiated with the

The accompanying notes are an integral part of these financial statements.

Woods Hole Oceanographic Institution
Notes to Financial Statements
December 31, 2024 and 2023

United States Government. Any difference between the employer contributions and the net periodic benefit cost is recorded in the nonoperating section of the statement of activities. This difference amounted to (income) of \$(5,954,003) and \$(5,974,730) for the years ended December 31, 2024 and 2023, respectively.

	Qualified Plan Pension Benefits	
	2024	2023
Weighted-average assumptions used to determine benefit obligations at December 31		
Discount rate	5.75 %	5.30 %
Rate of compensation increase	5.00 %	5.00 %
Weighted-average assumptions used to determine net periodic benefit cost for years ended December 31		
Discount rate	5.30 %	5.60 %
Expected long-term rate of return on plan assets	7.10 %	7.50 %
Rate of compensation increase	5.00 %	8.50 %

To develop the expected long-term rate of return on assets assumption, the Institution considered the current level of expected returns on risk-free investments (primarily government bonds), the historical level of the risk premium associated with the other asset classes in which the portfolio is invested and the expectations for future returns of each asset class. The expected return for each asset class was then weighted based on the target asset allocation to develop the expected long-term rate of return on assets assumption for the portfolio, net of expenses expected to be paid.

This resulted in a 7.10% assumption as of December 31, 2024 and 7.50% assumption at December 31, 2023.

Plan Assets

The long-term investment objectives of the Plan are to (1) achieve an average real total return assessed over rolling five year periods, that is consistent with the Plan's actuarial assumptions; (2) generate acceptable long-term returns, as determined by measurement against the Fund's benchmarks and (3) generate acceptable long-term returns without compromising the liquidity and stability required to support the Plan's annual payments to the Plan's beneficiaries.

The Institution has retained and outsourced services for manager selection, risk management and asset allocation of the Plan's assets to a third party to assist with implementing the Plan's investment policy. In addition, Target Allocations for asset classes have been revised to include two broad categories; (1) Growth and Excess Return Portfolio, (2) Fixed Income/Liability Hedging Portfolio. These categories have been assigned a 60% and 40% Target Allocation, respectively.

Fair Value Disclosures

The following fair value hierarchy table's present information about the Qualified Plan's financial assets measured at fair value on a recurring basis, (as described in Note 4).

The accompanying notes are an integral part of these financial statements.

Woods Hole Oceanographic Institution
Notes to Financial Statements
December 31, 2024 and 2023

	2024				Total
	Level 1	Level 2	Level 3	NAV as Practical Expedient	
Assets					
Cash and cash equivalents	\$ 9,144,213	\$ -	\$ -	\$ -	\$ 9,144,213
Private equity, venture capital and other limited partnerships	-	-	-	72,901,172	72,901,172
Commingled funds	-	-	-	16,048,353	16,048,353
Exchange traded funds	16,882,193	-	-	-	16,882,193
Hedge funds	-	-	-	45,290,659	45,290,659
Mutual funds	25,215,301	-	-	-	25,215,301
Domestic common stock	2,258,289	-	-	-	2,258,289
Total assets at fair value	<u>\$ 53,499,996</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 134,240,184</u>	<u>\$ 187,740,180</u>

	2023				Total
	Level 1	Level 2	Level 3	NAV as Practical Expedient	
Assets					
Cash and cash equivalents	\$ 5,206,983	\$ -	\$ -	\$ -	\$ 5,206,983
Private equity, venture capital and other limited partnerships	-	-	-	74,040,115	74,040,115
Commingled funds	-	-	-	25,314,885	25,314,885
Exchange traded funds	9,103,856	-	-	-	9,103,856
Hedge funds	-	-	-	45,948,983	45,948,983
Mutual funds	17,286,290	-	-	-	17,286,290
Domestic common stock	6,980,695	-	-	-	6,980,695
Total assets at fair value	<u>\$ 38,577,824</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 145,303,983</u>	<u>\$ 183,881,807</u>

Included in plan assets are net investment related receivables/(payables) of \$3,341,468 and \$0 as of December 31, 2024 and 2023, respectively. There were no transfers to or from Level 3 for the years ended December 31, 2024 and 2023.

The following unfunded commitments and redemption terms within the retirement trust are detailed below:

	2024			
	Fair Value	Unfunded Commitments	Redemption Frequency	Redemption Notice Period
Private equity, venture capital and other limited partnerships	\$ 72,901,172	\$ 28,512,984	Restricted from Redemption	Restricted from Redemption
Commingled funds	16,048,353	-	Daily-Triennially	Business Day-90 Calendar Days
Hedge funds	45,290,659	-	Monthly-Triennially	17 Business Days - 4 Months
Total	<u>\$ 134,240,184</u>	<u>\$ 28,512,984</u>		

The accompanying notes are an integral part of these financial statements.

Woods Hole Oceanographic Institution
Notes to Financial Statements
December 31, 2024 and 2023

			2023	
	Fair Value	Unfunded Commitments	Redemption Frequency	Redemption Notice Period
Private equity, venture capital and other limited partnerships	\$ 74,040,115	\$ 33,759,335	Restricted from Redemption	Restricted from Redemption
Commingled funds	25,314,885	-	Daily-Triennially	Business Day-90 Calendar Days
Hedge funds	45,948,983	-	Monthly-Triennially	17 Business Days - 4 Months
Total	<u>\$ 145,303,983</u>	<u>\$ 33,759,335</u>		

Expected Contributions

The Institution anticipates contributing \$5,100,000 to the Qualified Plan in 2025.

Estimated Future Benefit Payments

The following benefit payments, which reflect expected future service are expected to be paid as follows:

Years	Benefit Payments
2025	\$ 18,593,043
2026	19,190,166
2027	17,633,850
2028	16,980,667
2029	16,491,059
2030–2034	76,834,044

Amortization of Gains and Losses

Amortization of the net gain or loss resulting from experience different from that assumed and from changes in assumptions (excluding asset gains and losses not yet reflected in market-related value) is included as a component of net periodic benefit income (cost) for the year. If, as of the beginning of the year, that net gain or loss exceeds 10% of the greater of the projected benefit obligation and the market-related value of plan assets, the amortization is that excess divided by the average remaining service period until 25 years of service of participating employees expected to receive benefits under the plan.

10. Other Postretirement Benefits

In addition to providing retirement plan benefits, the Institution provides certain health care benefits for retired employees and their spouses. Substantially all of the Institution's employees may become eligible for the benefits if they reach normal retirement age (as defined) or elect early retirement after having met certain time in service criteria. Effective January 1, 2012 the Trust agreement which had been funding the Plan was amended to include active employees. Accordingly, assets of the Plan were then decoupled and recorded on the Institution's statement of financial position as investments designated for retiree and active medical plans along with a corresponding increase to the accrued postretirement liability. Actual returns from investments

The accompanying notes are an integral part of these financial statements.

Woods Hole Oceanographic Institution
Notes to Financial Statements
December 31, 2024 and 2023

designated for retiree and active medical plans totaled gains/(losses) of \$937,333 and \$1,801,439 for the years ended December 31, 2024 and 2023, respectively, and are presented in the nonoperating section of the statement of activities, net of administrative fees of \$149,970 and \$166,331 for 2024 and 2023, respectively. Health care benefits for active employees funded from these investments totaled \$0 for the years ended December 31, 2024 and 2023.

	Other	
	Postretirement Benefits	
	2024	2023
Change in benefit obligation		
Benefit obligation at beginning of year	\$ 19,601,470	\$ 20,521,433
Service cost	149,970	166,331
Interest cost	1,009,245	1,114,971
Benefits paid, net of participant contributions	(1,043,570)	(984,344)
Actuarial loss/(gain)	493,477	(1,216,921)
Benefit obligation at end of year	<u>20,210,592</u>	<u>19,601,470</u>
Change in plan assets		
Employer contributions	1,043,570	984,344
Benefits paid, net of participant contributions	(1,043,570)	(984,344)
Fair value of plan assets at end of year	<u>-</u>	<u>-</u>
Funded status	<u>\$ (20,210,592)</u>	<u>\$ (19,601,470)</u>
Amounts recognized in the statement of financial position consist of		
Accrued benefit liability	\$ 20,210,592	\$ 19,601,470
Net amount recognized	<u>\$ 20,210,592</u>	<u>\$ 19,601,470</u>
Amounts recognized in net assets without donor restrictions		
Net actuarial (gain)	<u>(7,506,657)</u>	<u>(8,797,115)</u>
Net amount recognized	<u>\$ (7,506,657)</u>	<u>\$ (8,797,115)</u>
Components of net periodic benefit cost		
Service cost	\$ 149,970	\$ 166,331
Interest cost	1,009,245	1,114,971
Amortization of net actuarial loss	<u>(796,982)</u>	<u>(717,870)</u>
Net periodic benefit cost	<u>\$ 362,233</u>	<u>\$ 563,433</u>
Other changes in plan assets and benefit obligations recognized in net assets without donor restrictions		
Net actuarial loss/(gain)	<u>493,477</u>	<u>(1,216,921)</u>
Total recognized in nonoperating expense (revenue)	<u>\$ 493,477</u>	<u>\$ (1,216,921)</u>

The accompanying notes are an integral part of these financial statements.

Woods Hole Oceanographic Institution
Notes to Financial Statements
December 31, 2024 and 2023

The Institution recognizes the net periodic benefit cost, except for the service cost, in the nonoperating section of the statement of activities. This amounted to \$212,263 and \$397,101 for the years ended December 31, 2024 and 2023, respectively.

	2024	2023
Weighted-average assumptions used to determine benefit obligations at December 31		
Discount rate	5.75 %	5.30 %
Weighted-average assumptions used to determine net periodic benefit cost for years ended December 31		
Discount rate	5.30 %	5.60 %
Expected long-term rate of return on plan assets	N/A	N/A

The plan does not provide prescription drug benefits for post-65 retirees; therefore, there is no anticipated Medicare employer subsidy.

	2024		2023	
	Pre-65	Post-65	Pre-65	Post-65
Assumed health care cost trend rates at December 31,				
Health care cost trend rate assumed for next year	7.3 %	5.8 %	7.0 %	5.5 %
Rate to which the cost trend rate is assumed to decline (the ultimate trend rate)	5.0 %	5.0 %	5.0 %	5.0 %
Year that the rate reaches the ultimate trend rate	2034	2028	2032	2026

Expected Contributions

The Institution provides contributions as expenses are incurred. The Institution expects contributions to the Retiree Medical Plan in 2025 to be equal to the expected benefit in 2025 of \$1,101,899.

Estimated Future Benefit Payments

The following benefit payments, which reflect expected future service are expected to be paid as follows:

Years	Benefit Payments
2025	\$ 1,101,899
2026	1,171,413
2027	1,245,243
2028	1,287,864
2029	1,343,603
2030–2034	7,079,249

The accompanying notes are an integral part of these financial statements.

Woods Hole Oceanographic Institution
Notes to Financial Statements
December 31, 2024 and 2023

11. Net Assets

The Institution's endowment consists of 161 individual funds established for a variety of purposes. The endowment includes both donor-restricted endowment funds and funds designed by the Board of Trustees to function as endowments. Net assets associated with endowment funds, including funds designated by the Board of Trustees to function as endowments, are classified and reported based on the existence or absence of donor-imposed restrictions.

At December 31, the net asset composition by type consisted of the following:

	2024		
	Without Donor Restrictions	With Donor Restrictions	Total
Endowment funds			
Perpetual in nature	\$ -	\$ 129,276,836	\$ 129,276,836
Purpose restricted	-	300,967,346	300,967,346
Board designated funds	94,106,464	-	94,106,464
Endowment net assets	94,106,464	430,244,182	524,350,646
Purpose restricted - research	-	58,855,507	58,855,507
Purpose restricted - education	-	3,018,452	3,018,452
Time restricted and other	-	47,148,178	47,148,178
Pension and postretirement benefits	(28,458,761)	-	(28,458,761)
Undesignated	20,243,971	1,925,754	22,169,725
Total net assets	<u>\$ 85,891,674</u>	<u>\$ 541,192,073</u>	<u>\$ 627,083,747</u>
2023			
	Without Donor Restrictions	With Donor Restrictions	Total
Endowment funds			
Perpetual in nature	\$ -	\$ 119,670,559	\$ 119,670,559
Purpose restricted	-	284,417,639	284,417,639
Board designated funds	90,432,868	-	90,432,868
Endowment net assets	90,432,868	404,088,198	494,521,066
Purpose restricted - research	-	65,136,675	65,136,675
Purpose restricted - education	-	3,305,858	3,305,858
Time restricted and other	-	47,548,329	47,548,329
Pension and postretirement benefits	(48,239,754)	-	(48,239,754)
Undesignated	28,293,295	2,000,000	30,293,295
Total net assets	<u>\$ 70,486,409</u>	<u>\$ 522,079,059</u>	<u>\$ 592,565,468</u>

The accompanying notes are an integral part of these financial statements.

Woods Hole Oceanographic Institution
Notes to Financial Statements
December 31, 2024 and 2023

Changes in endowment net assets for the year ended December 31, consisted of the following:

	2024		
	Without Donor Restrictions	With Donor Restrictions	Total
Net assets beginning of year	\$ 90,432,868	\$ 404,088,198	\$ 494,521,066
Investment return			
Net appreciation	8,109,172	34,448,661	42,557,833
Total investment return	8,109,172	34,448,661	42,557,833
New gifts	-	9,564,008	9,564,008
Appropriation of endowment assets for expenditure under spending policy	(4,534,113)	(18,012,887)	(22,547,000)
Change in split interest agreements	98,538	156,202	254,740
Net assets end of year	\$ 94,106,465	\$ 430,244,182	\$ 524,350,647
	2023		
	Without Donor Restrictions	With Donor Restrictions	Total
Net assets beginning of year	\$ 85,544,932	\$ 379,623,451	\$ 465,168,383
Investment return			
Net appreciation	8,853,807	39,926,970	48,780,777
Total investment return	8,853,807	39,926,970	48,780,777
New gifts	218,823	1,976,940	2,195,763
Appropriation of endowment assets for expenditure under spending policy	(4,395,044)	(17,848,956)	(22,244,000)
Change in split interest agreements	210,351	409,792	620,143
Net assets end of year	\$ 90,432,868	\$ 404,088,198	\$ 494,521,066

12. Liquidity and Availability of Financial Assets

The Institution's financial assets available within one year of the balance sheet date for general expenditures are as follows:

	2024	2023
Cash and cash equivalents	\$ 17,963,621	\$ 9,308,063
Accounts receivable billed and unbilled	32,599,861	37,564,757
Receivable for investments sold	4,573,292	4,534,113
Pledges receivable	22,418,722	21,755,323
	\$ 77,555,496	\$ 73,162,256

The accompanying notes are an integral part of these financial statements.

Woods Hole Oceanographic Institution
Notes to Financial Statements
December 31, 2024 and 2023

The Institution's endowment funds consist of donor-restricted and Board designated funds. Income from donor-restricted funds are restricted by purpose and are not available for general expenditure. The Institution defines general expenditures as any costs included in total expenses from operating activities. As described in Note 2 the Board designated endowment has a spending rate of 5% and 5% will be available for general use within the next twelve months.

The Institution's liquidity management policy is to structure its financial assets to be available as its general expenditures, liabilities and other obligations come due. In addition, the Institution invests cash in excess of daily liquidity needs in short-term investments. To manage liquidity needs the Institution has committed lines of credit in the amount of \$45,000,000 (see Note 8). In addition, the Institution has Board designated funds in the amount of \$94,106,464 which it could draw upon. At December 31, 2024, \$94,106,464 of designated net assets are committed to fund certain research, education and other designated net assets. Both Board designated and donor-restricted endowment contain investments with lock-up provisions that would reduce the total investments that could be available. Board designated funds are categorized as follows at December 31, 2024:

	2024	2023
Board designated for research	\$ 31,535,912	\$ 30,324,599
Board designated for research - Director discretionary	1,745,690	1,678,788
Board designated for general unsponsored program support	59,711,801	57,414,957
Other	<u>1,113,061</u>	<u>1,014,524</u>
	<u>\$ 94,106,464</u>	<u>\$ 90,432,868</u>

13. Commitments and Contingencies

The Defense Contract Audit Agency (DCAA) is responsible for auditing indirect charges to grants and contracts on behalf of the ONR. The Institution and the ONR have settled the years through 2023 with no findings or adjustments for unallowable costs.

The Institution is a defendant in legal proceedings incidental to the nature of its operations. The Institution believes that the outcome of these proceedings will not materially affect its financial position.

14. Related Party Transactions

The Institution has transactions such as professional services and other items with organizations where members of the Board of Trustees or Corporation are affiliated with the organizations. Total expenditures for these transactions were \$148,800 and \$0 for the years ended December 31, 2024 and 2023.

The Institution has loans due from various employees for education advances and computer purchases. The amounts outstanding are \$717,878 and \$784,672 at December 31, 2024 and 2023, respectively.

The accompanying notes are an integral part of these financial statements.

Woods Hole Oceanographic Institution
Notes to Financial Statements
December 31, 2024 and 2023

15. Schedule of Functional Expenses

The statement of activities presents expenses by functional programs without distinguishing program versus supporting service expenses (or facilities and administrative (“F&A”) costs). F&A expenses totaled \$90,043,155 for 2024 and totaled \$76,768,509 for 2023 and have been allocated among the categories presented utilizing a modified total direct cost (“MTDC”) basis. MTDC is a federal government prescribed methodology for allocating F&A costs. While facilities costs are allocated primarily on a square footage basis, administrative costs are allocated proportionally by the total of net direct costs per program plus the program’s share of facilities costs. Net program direct costs include total direct costs per program reduced by certain costs such as equipment, subcontracts (by statute) and other cost attributes negotiated with the Institution’s cognizant agency specific to the Institution which by nature would lead to a disproportional allocation of F&A costs. Functional expenses for the year ended December 31, 2024 and 2023 are as follows:

	Research	Marine Operations	Academic Programs	Other Institution Activities	Un-sponsored Research	Ships and Submersibles	2024 Total
Salaries	\$ 56,625,810	\$ 1,333,035	\$ 3,668,288	\$ 4,819,632	\$ 2,667,706	\$ 15,998,478	\$ 85,112,949
Fringe benefits	18,207,164	433,935	1,237,873	1,768,759	899,400	4,170,112	26,717,243
Equipment	19,933,667	1,026,671	2,570	-	93,186	770,720	21,826,814
Subcontracts	40,144,352	552,295	-	-	-	-	40,696,647
Supplies	12,550,436	268,300	103,680	97,264	212,039	2,042,692	15,274,411
Travel	4,085,978	105,234	209,878	277,420	223,948	1,212,980	6,115,438
Outside services	2,683,266	275,422	143,392	837,520	54,598	893,250	4,887,448
Utilities	-	38,916	-	-	-	106,685	145,601
Interest	-	-	-	21,768	-	1,504	23,272
Professional services	465,464	241,786	-	473,158	-	139,920	1,320,328
Repairs and maintenance	1,590,877	76,183	117	8,193	9,005	2,805,035	4,489,410
Insurance	202,276	3,483	55,977	446,014	1,020	604,151	1,312,921
Other	19,928,824	3,026,666	8,984,171	6,448,850	6,131,359	4,740,989	49,260,859
Ship overhaul	-	3,154,607	-	-	-	-	3,154,607
Ships fuel	19,513	29,577	300	-	5,650	3,438,315	3,493,355
Facilities and administration	68,537,695	3,790,117	2,638,124	5,137,194	(451,594)	10,391,619	90,043,155
Total operating expenses	244,975,322	14,356,227	17,044,370	20,335,772	9,846,317	47,316,450	353,874,458
Nonoperating expense				5,741,740			5,741,740
	<u>\$ 244,975,322</u>	<u>\$ 14,356,227</u>	<u>\$ 17,044,370</u>	<u>\$ 26,077,512</u>	<u>\$ 9,846,317</u>	<u>\$ 47,316,450</u>	<u>\$ 359,616,198</u>

Woods Hole Oceanographic Institution
Notes to Financial Statements
December 31, 2024 and 2023

	Research	Marine Operations	Academic Programs	Other Institution Activities	Un-sponsored Research	Ships and Submersibles	2023 Total
Salaries	\$ 50,269,096	\$ 772,009	\$ 3,210,550	\$ 3,885,596	\$ 2,250,042	\$ 13,424,360	\$ 73,811,653
Fringe benefits	13,774,961	204,322	913,067	1,259,960	639,324	3,371,431	20,163,065
Equipment	23,142,420	3,642,451	2,440	9,188	270,217	405,099	27,471,815
Subcontracts	40,373,352	81,595	-	-	-	-	40,454,947
Supplies	11,344,244	196,429	84,013	147,914	273,748	1,707,938	13,754,286
Travel	3,973,445	249,688	142,485	253,681	153,215	841,982	5,614,496
Outside services	2,971,439	480,557	69,738	2,666,142	30,461	691,984	6,910,321
Utilities	-	8,821	-	124	-	32,526	41,471
Interest	-	-	-	6,155	-	-	6,155
Professional services	575,188	34,000	-	843,813	-	72,298	1,525,299
Repairs and maintenance	1,248,654	4,198	-	16,672	13,042	2,145,230	3,427,796
Insurance	151,164	-	47,454	408,641	75,646	610,937	1,293,842
Other	24,337,381	3,700,984	8,641,402	5,776,782	3,641,146	4,480,861	50,578,556
Ship overhaul	-	1,502,357	-	-	-	-	1,502,357
Ships fuel	25,796	29,387	227	-	3,263	3,893,489	3,952,162
Facilities and administration	62,212,146	3,125,321	2,099,209	4,890,333	(412,945)	7,068,767	78,982,831
Total operating expenses	234,399,286	14,032,119	15,210,585	20,165,001	6,937,159	38,746,902	329,491,052
Nonoperating expense				5,577,629			5,577,629
	<u>\$ 234,399,286</u>	<u>\$ 14,032,119</u>	<u>\$ 15,210,585</u>	<u>\$ 25,742,630</u>	<u>\$ 6,937,159</u>	<u>\$ 38,746,902</u>	<u>\$ 335,068,680</u>

The category Facilities and Administration in the Schedule of Functional Expenses for the year ended December 31, 2024 includes costs associated with plant operations of \$ 30,372,159, departmental administration of \$17,526,367, sponsored program administration of \$2,227,914, library costs of \$1,131,769 and general administration of \$38,784,946. The category Facilities and Administration in the Schedule of Functional Expenses for the year ended December 31, 2023 includes costs associated with plant operations of \$27,011,994, departmental administration of \$15,167,232, sponsored program administration of \$1,656,874, library costs of \$1,062,855 and general administration of \$31,869,555.

Woods Hole Oceanographic Institution
Notes to Financial Statements
December 31, 2024 and 2023

16. Subsequent Event

Management evaluated all events or transactions that occurred after December 31, 2024 through July 23, 2025, the date these financial statements were issued.

Effective January 1, 2024, the Institution engaged with a new OCIO. As part of the transition, approximately 52% of the endowment investments remained in a side pocket within an investment fund managed by the prior OCIO. Distributions from the side pocket were to be made as underlying investments were available for redemption or otherwise realized. In May 2025, the Board of Trustees approved the sale of a portion of the side pocket consisting of 73% of the underlying private equity investments through a secondary sale. The portion of the side pocket NAV sold was \$115,535,542 with a purchase price (before adjustment for certain side pocket distributions) was \$96,472,177 incurring a 16.5% discount. The cash received was approximately \$91,426,827 representing the purchase price adjusted for certain side pocket distributions and transaction fees.

Woods Hole Oceanographic Institution

Schedule of Expenditures of Federal Awards

Year Ended December 31, 2024

Federal Grantor/Pass-Through Grantor/Program or Cluster Title	Assistance Listing Number	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Sponsor Number	Total Expenditures	Passed to Sub-Recipients
Research and Development Cluster							
Department of Agriculture (USDA)							
United States Department of Agriculture (USDA)							
Small Business Innovation Research (SBIR) Program / Small Business Technology Transfer (STTR) Program	10.212	-	11,901	Macrobreed	2024-1	11,901	-
<i>Subtotal Department of Agriculture</i>		-	11,901			11,901	-
Department of Commerce							
National Oceanic and Atmospheric Administration (NOAA)							
Ocean Exploration	11.011	742,051	-			742,051	-
Ocean Exploration	11.011	-	2,718	University of Washington	UWSC14946	2,718	-
Integrated Ocean Observing System (IOOS)	11.012	651,245	-			651,245	346,652
Integrated Ocean Observing System (IOOS)	11.012	-	61,892	University of Delaware	UDR0000083	61,892	-
Integrated Ocean Observing System (IOOS)	11.012	-	802	University of Maine	5100751647	802	-
Integrated Ocean Observing System (IOOS)	11.012	-	4,386	University of Maine	5100751813	4,386	-
Integrated Ocean Observing System (IOOS)	11.012	-	8,444	Monterey Bay Aquarium Research Institute	PO 2111131	8,444	-
Integrated Ocean Observing System (IOOS)	11.012	-	182,709	Northeastern Regional Association of Coastal Ocean Observing	N21A013022	182,709	-
Integrated Ocean Observing System (IOOS)	11.012	-	168,642	Northeastern Regional Association of Coastal Ocean Observing	N21A013021	168,642	-
Integrated Ocean Observing System (IOOS)	11.012	-	4,022	University of Maine	5100769410	4,022	-
Integrated Ocean Observing System (IOOS)	11.012	-	96,890	Northeastern Regional Association of Coastal Ocean Observing	N21A013020	96,890	-
Integrated Ocean Observing System (IOOS)	11.012	-	8,715	Alaska Ocean Observing System	H3022	8,715	-
Integrated Ocean Observing System (IOOS)	11.012	-	11,995	University of California San Diego	KR 704815	11,995	-
Integrated Ocean Observing System (IOOS)	11.012	-	46,632	Northeastern Regional Association of Coastal Ocean Observing	N23A017007	46,632	-
Integrated Ocean Observing System (IOOS)	11.012	-	2,847	University of Maine	5100789512	2,847	-
Ocean Acidification Program (OAP)	11.017	1,082,387	-			1,082,387	199,065
NOAA Small Business Innovation Research (SBIR) Program	11.021	-	8,552	Aerodyne Research	ARI 12059 1	8,552	-
NOAA Small Business Innovation Research (SBIR) Program	11.021	-	38,660	Ocean's Balance	OB NOAA SBIR II Subaward 02	38,660	-
Bipartisan Budget Act of 2018	11.022	-	25,514	University of the Virgin Islands	233143 01	25,514	-
Foreign Investment Development in the United States	11.102	-	41,822	Northeastern Regional Association of Coastal Ocean Observing	N21A013035	41,822	-
Cooperative Institute (Inter-Agency Funded Activities)	11.405	2,020,619	-			2,020,619	84,830
Cooperative Institute (Inter-Agency Funded Activities)	11.405	-	391,378	University of Rhode Island	0010734 102424	391,378	223,665
Cooperative Institute (Inter-Agency Funded Activities)	11.405	-	653,990	University of Rhode Island	0009802 112822 WHOI	653,990	-
Sea Grant Support	11.417	2,343,923	-			2,343,923	696,695
Sea Grant Support	11.417	-	47,355	University of Connecticut	164278120	47,355	23,436
Sea Grant Support	11.417	-	45,636	University of Maine	UMS1322	45,636	-
Sea Grant Support	11.417	-	(3,695)	University of California Santa Barbara	KK2243	(3,695)	-
Sea Grant Support	11.417	-	33,875	University of Connecticut	165412679	33,875	20,636
Sea Grant Support	11.417	-	57,848	University of Southern California	SCON 00004140	57,848	-
Sea Grant Support	11.417	-	19,680	Research Foundation of SUNY	93511 1185217 3	19,680	11,989
Sea Grant Support	11.417	-	73,306	Massachusetts Institute of Technology	NA22OAR4170126	73,306	-
Sea Grant Support	11.417	-	61,857	Massachusetts Institute of Technology	86344	61,857	-
Sea Grant Support	11.417	-	8,147	University of Rhode Island	0009680 02012023	8,147	-
Sea Grant Support	11.419	-	15,625	University of Oregon	290550C	15,625	-
Coastal Zone Management Administration Awards	11.419	-	-			-	-
Fisheries Development and Utilization Research and Development Grants and Cooperative Agreements Program	11.427	103,313	-			103,313	50,060
Fisheries Development and Utilization Research and Development Grants and Cooperative Agreements Program	11.427	-	32,826	Cornell University	146700 22254	32,826	-
Fisheries Development and Utilization Research and Development Grants and Cooperative Agreements Program	11.427	-	12,432	Marine Biological Laboratory	PO 0054493	12,432	-
Climate and Atmospheric Research	11.431	1,164,745	-			1,164,745	73,729
Climate and Atmospheric Research	11.431	-	27,951	Northeastern Regional Association of Coastal Ocean Observing	N22A015002	27,951	-
National Oceanic and Atmospheric Administration (NOAA) Cooperative Institutes	11.432	12,458,662	-			12,458,662	4,406,691
National Oceanic and Atmospheric Administration (NOAA) Cooperative Institutes	11.432	-	1,840	Tuskegee University	8006433 01	1,840	-
National Oceanic and Atmospheric Administration (NOAA) Cooperative Institutes	11.432	-	64,342	University of Rhode Island	0010647 121724 WHOI	64,342	-
National Oceanic and Atmospheric Administration (NOAA) Cooperative Institutes	11.432	-	1,762,970	University of Rhode Island	0007525 102212019WHOI	1,762,970	33,287
Congressionally Identified Awards and Projects	11.469	694,325	-			694,325	-
Unaffiliated Science Program	11.472	-	84,025	North Pacific Research Board	2212	84,025	-
Unaffiliated Science Program	11.472	-	12,836	North Pacific Research Board	2301	12,836	-
Office for Coastal Management	11.473	-	9,331	Southern California Coastal Water Research Project	19327	9,331	-
Center for Sponsored Coastal Ocean Research Coastal Ocean Program	11.478	1,945,007	-			1,945,007	784,699
Center for Sponsored Coastal Ocean Research Coastal Ocean Program	11.478	-	12,737	US Harmful Algal Bloom Control Technology Incubator	SA075291370 PO142058	12,737	-
Center for Sponsored Coastal Ocean Research Coastal Ocean Program	11.478	-	144,560	Virginia Institute of Marine Science	722374 712684	144,560	-
Center for Sponsored Coastal Ocean Research Coastal Ocean Program	11.478	-	100,875	University of Rhode Island	0008460 02042021	100,875	-
Center for Sponsored Coastal Ocean Research Coastal Ocean Program	11.478	-	85,487	University of California San Diego	704101	85,487	-
Coral Reef Conservation Program	11.482	-	3,000	National Fish and Wildlife Foundation	0302 23 078928	3,000	-
1305M224P0054	11.RD	52,282	-			52,282	-
1305M323DNFFR028	11.RD	-	9,028	Teledyne Marine	391680	9,028	-
1305M323DNFFR028	11.RD	-	27,906	Teledyne Webb Research	38454	27,906	-
VS0780	11.RD	1,665	-			1,665	-
VS2654	11.RD	1,233	-			1,233	-
<i>Subtotal Department of Commerce</i>		23,261,457	4,512,390			27,773,847	6,955,434

The accompanying notes are an integral part of this schedule.

Woods Hole Oceanographic Institution Schedule of Expenditures of Federal Awards Year Ended December 31, 2024

Federal Grantor/Pass-Through Grantor/Program or Cluster Title	Assistance Listing Number	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Sponsor Number	Total Expenditures	Passed to Sub-Recipients
Department of Defense							
Department of the Navy, Office of the Chief of Naval Research							
Basic and Applied Scientific Research	12.300	19,578,279	-			19,578,279	607,878
Basic and Applied Scientific Research	12.300	-	46,143	Oregon State University	N0372A A	46,143	-
Basic and Applied Scientific Research	12.300	-	166,638	University of California San Diego	PUR00040437	166,638	-
Basic and Applied Scientific Research	12.300	-	(6,664)	University of Washington	UWSC10595	(6,664)	-
Basic and Applied Scientific Research	12.300	-	57,411	Massachusetts Institute of Technology	PO 1051810	57,411	-
Basic and Applied Scientific Research	12.300	-	14,036	Sofar Ocean Technologies	WHOI proposal 2994100	14,036	-
Basic and Applied Scientific Research	12.300	-	73,020	University of California San Diego	703459	73,020	-
Basic and Applied Scientific Research	12.300	-	48,787	Carnegie Mellon University	1140217 443508	48,787	-
Basic and Applied Scientific Research	12.300	-	82,629	University of Washington	UWSC14299	82,629	-
Basic and Applied Scientific Research	12.300	-	71,623	University of California San Diego	704512	71,623	-
Basic and Applied Scientific Research	12.300	-	678,604	University of California San Diego	KR 704989	678,604	-
Basic and Applied Scientific Research	12.300	-	364,851	University of California San Diego	705601	364,851	-
N0001419C2016	12.RD	90,925	-			90,925	-
N0001420C2053	12.RD	785,844	-			785,844	-
N0001421C2028	12.RD	2,505,374	-			2,505,374	-
N0001424C2209	12.RD	137,460	-			137,460	-
N6660418DC828	12.RD	7,217,534	-			7,217,534	-
N0001424SB001	12.RD	-	2,311	Composit Energy Technologies	63205040032	2,311	-
DO 22F8306	12.RD	-	1,927	Pennsylvania State University	CC 7281	1,927	-
N000142012539	12.RD	-	16,415	University of Delaware	UDS0070339	16,415	-
N0001420C2039	12.RD	-	38,575	University of California San Diego	PUR00760904	38,575	-
N000142114014	12.RD	-	41,038	University of California San Diego	PUR00663027	41,038	-
N00014219C2076	12.RD	-	2,873	University of Washington	PO010078539	2,873	-
N0001422C2006	12.RD	-	27,536	University of California San Diego	PUR00722219	27,536	-
N000142312065	12.RD	-	7,938	Carnegie Mellon University	1140225 468573	7,938	-
N000142312241	12.RD	-	12,694	East Bay Educational Collaborative	N0001423122412	12,694	-
N000142312838	12.RD	-	29,476	Massachusetts Institute of Technology	S6139 /PO 985092	29,476	-
N000142312841	12.RD	-	15,994	University of California San Diego	Pur00749317	15,994	-
N000142412739	12.RD	-	14,402	University of California San Diego	707221	14,402	-
N000142423C6308	12.RD	-	12,311	Hill Mission Technologies Corp	P000057396	12,311	-
N000142423C6308	12.RD	-	12,311	Hill Mission Technologies Corp	P000057770	12,311	-
N000142423C6308	12.RD	-	196,980	Hill Mission Technologies Corp	P000057826	196,980	-
N0002418D6401	12.RD	-	227,929	Pennsylvania State University	S23 35	227,929	-
N0002421C6425	12.RD	-	96,099	Applied Physical Sciences Corp	APS 24 06	96,099	-
N0002421C6425	12.RD	-	106,304	Applied Physical Sciences Corp	PO 24 0033737	106,304	-
N0002422D6404	12.RD	-	39,206	The Johns Hopkins University	181429	39,206	-
N0007819D7246	12.RD	-	9,494	Bevilacqua Research Corporation	PO201665	9,494	-
N00173222C602	12.RD	-	7,782	University of Delaware	UDR0000665	7,782	-
N0017804D4066	12.RD	-	167	Serco Inc	CC 7281	167	-
N0017804D4066	12.RD	-	27,262	Serco Inc	P000057826	27,262	-
N0017804D4066	12.RD	-	16,016	Serco Inc	P000047958	16,016	-
N0017819D8361	12.RD	-	128,058	Purvis Systems	PO 54818	128,058	-
N002534102168H	12.RD	-	20,336	Advanced Safety Equipment	PO 0028721	20,336	-
N3943022C2413	12.RD	-	6,733	University of Michigan	SUB00017801	6,733	-
N8600120C4005	12.RD	-	2,462	Applied Physical Sciences Corp	24 0030736	2,462	-
N8600120C4005	12.RD	-	163,521	Applied Physical Sciences Corp	PO 1051810	163,521	-
N8600120C4005	12.RD	-	509	Naval Information Warfare Center Pacific	24 0032620	509	-
N8600123C4037	12.RD	-	101,560	Applied Physical Sciences Corp	23 0030060	101,560	-
N8600123C4031	12.RD	-	23,127	Applied Physical Sciences Corp	APS 24 05	23,127	-
N8600123C4037	12.RD	-	64,716	Applied Physical Sciences Corp	PO 24 0034050	64,716	-
N866042392102	12.RD	-	429	L3Harris Technologies	7102000679	429	-
N8533523C0142	12.RD	-	243,204	Armada Marine Robotics	NAV102	243,204	-
N8533523C0729	12.RD	-	389,439	Heat Light and Sound Research Inc	N6833523C0729	389,439	-
12N6833524C0275	12.RD	-	12,706	Creare Inc	PO 135373	12,706	-
N6833524C0363	12.RD	-	5,815	Applied Ocean Sciences	2024003	5,815	-
SPE8EJ21D0020	12.RD	-	54,948	New Venture Research Corporation	2023 055	54,948	-
SPE8EJ21D0020	12.RD	-	20,355	ADS Inc	PO 1369155	20,355	-
SPE8EL24F1C9G	12.RD	-	95,699	ADS Inc	PO 1403549	95,699	-
CC2863	12.RD	450	-			450	-
CC2837	12.RD	2,066	-			2,066	-
H9223624F0001	12.RD	-	27,208	Raytheon Technologies	PO4400594865	27,208	-
HQ003419D0006	12.RD	-	65,581	The Johns Hopkins University	187582	65,581	-
SPE8EJ21D0025	12.RD	-	65,660	Hill Mission Technologies Corp	P000061364	65,660	-
SPE8EL23F1J198	12.RD	-	6,156	Hill Mission Technologies Corp	PO60125	6,156	-
Defense POW/MIA Accounting Agency (DPAA)							
Past Conflict Accounting	12.740	-	18,702	University of California San Diego	704542	18,702	-
US Army							
W912HQ20C0076	12.RD	-	36,135	University of St Andrews	18390	36,135	-
US Army Corps of Engineers (USACE)							
W912HQ19C0040	12.RD	103,636	-			103,636	23,181

The accompanying notes are an integral part of this schedule.

Woods Hole Oceanographic Institution

Schedule of Expenditures of Federal Awards

Year Ended December 31, 2024

Federal Grantor/Pass-Through Grantor/Program or Cluster Title	Assistance Listing Number	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Sponsor Number	Total Expenditures	Passed to Sub-Recipients
Defense Advanced Research Projects Agency (DARPA)							
HR001122C0115	12.RD	122,153	-			122,153	-
HR001120C0100	12.RD	-	9,439	Applied Physical Sciences Corp	24-0031600	9,439	-
HR001122C0021	12.RD	-	46,819	Northrop Grumman Systems Corporation	5300036186	46,819	-
HR00112390045	12.RD	-	4,531	Morse Corporation	PO WHOI-01	4,531	-
HR00112390048	12.RD	-	3,999	Morse Corporation	MOR1023	3,999	-
HR00112390045	12.RD	-	5,062	Morse Corporation	PO WHOI-02	5,062	-
US Air Force							
FA807518D0002	12.RD	-	292,441	Hill Mission Technologies Corp	SUB1151615	292,441	-
FA807518D0002	12.RD	-	7,699	Hill Mission Technologies Corp	P000053506	7,699	-
FA807523F0001	12.RD	-	441,766	Science Applications International Corp	P010274144	441,766	-
<i>Subtotal Department of Defense</i>		<u>30,543,721</u>	<u>4,924,933</u>			<u>35,468,654</u>	<u>631,059</u>
Department of Interior							
Bureau of Ocean Energy Management							
Bureau of Ocean Energy Management (BOEM) Environmental Studies (ES)	15.423	177,223	-			177,223	-
Bureau of Ocean Energy Management (BOEM) Environmental Studies (ES)	15.423	-	130,197	University of Alaska Fairbanks	UA 22 0029	130,197	-
Bureau of Ocean Energy Management (BOEM) Environmental Studies (ES)	15.423	-	45,866	University of Rhode Island	0008759 02112021	45,866	-
140M0121D0003	15.RD	-	104,214	HDR Inc	1000300020266	104,214	-
National Park Service							
Natural Resource Stewardship	15.944	1,211	-			1,211	-
US Geological Survey							
Earthquake Hazards Program Assistance	15.807	38,536	-			38,536	-
U.S. Geological Survey Research and Data Collection	15.808	1,365,561	-			1,365,561	-
140G0220D0001	15.RD	106,446	-			106,446	-
7659890	15.RD	1,766	-			1,766	-
<i>Subtotal Department of Interior</i>		<u>1,690,743</u>	<u>280,077</u>			<u>1,970,820</u>	<u>-</u>
National Aeronautics and Space Administration							
Science	43.001	6,034,480	-			6,034,480	1,492,630
22-SERV420012	43.RD	-	3,585	Brown University	PUR 0148486	3,585	-
80NSSC20K0619	43.RD	-	981	University of Alaska Fairbanks	P0020052	981	-
184860194	43.RD	-	19,471	University of Connecticut	184860194	19,471	-
80NSSC21K0746	43.RD	-	3,787	University of Colorado	1560578	3,787	-
80NSSC23K0983	43.RD	-	59,928	Princeton University	SUB0000746	59,928	-
80NSSC21K 914	43.RD	-	38,157	University of North Carolina Chapel Hill	5122918	38,157	-
80NM0018D0004	43.RD	-	18,504	Jet Propulsion Laboratory	1670515	18,504	-
80NSSC21K0995	43.RD	-	151,359	The Johns Hopkins University	172026	151,359	-
80NSSC22K0997	43.RD	-	53,849	Pennsylvania State University	80NSSC22K0997	53,849	-
80NSSC22K0547	43.RD	-	7,867	University of Washington	UWSC13898	7,867	-
80NSSC20K0728	43.RD	-	20,210	Atmospheric and Environmental Research Inc	P2375 001	20,210	-
Mm Rdx Cndtns	43.RD	-	85,749	University of Utah	10066133 01 WHOI	85,749	-
80NSSC19M0069	43.RD	-	82,452	Rensselaer Polytechnic Institute	A19 0117 S009	82,452	-
1687411	43.RD	-	190,591	University of North Carolina Chapel Hill	5127027	190,591	-
80NSSC20K1105	43.RD	-	11,998	Colorado State University	G 03671 01	11,998	-
80NSSC23K1253	43.RD	-	29,915	University of Maryland	146489 Z6547201	29,915	-
80NSSC18K0828	43.RD	-	3,137	Rice University	X03137295	3,137	-
80NM0018D0004	43.RD	-	126,106	Jet Propulsion Laboratory	1658837	126,106	-
<i>Subtotal National Aeronautics and Space Administration</i>		<u>6,034,480</u>	<u>907,646</u>			<u>6,942,126</u>	<u>1,492,630</u>
National Science Foundation							
Engineering	47.041	428,855	-			428,855	-
Mathematical and Physical Sciences	47.049	119,622	-			119,622	-
Geosciences	47.050	148,403,304	-			148,403,304	25,973,141
Geosciences	47.050	-	1,255	Western Washington University	VISA 3001	1,255	-
Geosciences	47.050	-	18,364	Florida Atlantic University	WR K236	18,364	-
Geosciences	47.050	-	80	Columbia University	22K GG009393 04	80	-
Geosciences	47.050	-	411,745	Monterey Bay Aquarium Research Institute	2110497	411,745	-
Geosciences	47.050	-	168,526	University of the Virgin Islands	203108 04	168,526	-
Geosciences	47.050	-	30,476	Old Dominion University	24120300930010	30,476	-
Geosciences	47.050	-	2,646,020	Monterey Bay Aquarium Research Institute	2010988	2,646,020	-
Geosciences	47.050	-	3,734	University of California Berkeley	VISA 6235	3,734	-
Geosciences	47.050	-	689,189	University of California San Diego	128951830	689,189	-
Geosciences	47.050	-	22,508	University of Hawaii	MA1937	22,508	-
Geosciences	47.050	-	4,277	University of Oregon	2017YOSH	4,277	-
Geosciences	47.050	-	152,024	University of California Santa Cruz	A210234S001	152,024	-
Geosciences	47.050	-	19,110	Columbia University	22N GG009393-04 PO G15341	19,110	-
Geosciences	47.050	-	18,618	Columbia University	22HG009393-04	18,618	-
Geosciences	47.050	-	41,200	Columbia University	22IG009393-04	41,200	-
Geosciences	47.050	-	18,832	Columbia University	22OG009393-04	18,832	-
Geosciences	47.050	-	25,319	University of Georgia	00002638	25,319	-
Geosciences	47.050	-	26	Stony Brook University	72862 1128064 2	26	-

The accompanying notes are an integral part of this schedule.

Woods Hole Oceanographic Institution

Schedule of Expenditures of Federal Awards

Year Ended December 31, 2024

Federal Grantor/Pass-Through Grantor/Program or Cluster Title	Assistance Listing Number	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Sponsor Number	Total Expenditures	Passed to Sub-Recipients
Geosciences	47.050	-	7,341	University of the Virgin Islands	203111 01	7,341	-
Geosciences	47.050	-	1,636	Lamont Doherty Earth Observatory	22J GG009393 04	1,636	-
Geosciences	47.050	-	23,722	University of Florida	3891	23,722	-
Geosciences	47.050	-	2,531	University of South Carolina	USC01 2000064039	2,531	-
Geosciences	47.050	-	19,949	Columbia University	22M GG009393-04	19,949	-
Geosciences	47.050	-	6,923	University of Wyoming	PO P384258	6,923	-
Geosciences	47.050	-	83,926	University of California San Diego	706463	83,926	-
Geosciences	47.050	-	3,734	Columbia University	COLUM0000264536	3,734	-
Geosciences	47.050	-	195,090	University of California San Diego	704610	195,090	-
Geosciences	47.050	-	10,158	University of California Berkeley	BB01914630	10,158	-
Geosciences	47.050	-	83,994	Marine Biological Laboratory	54668	83,994	-
Geosciences	47.050	-	2,252	Queens College City University of New York	WireXfer	2,252	-
Geosciences	47.050	-	134,539	University of California San Diego	KR 704776	134,539	-
Geosciences	47.050	-	431	Columbia University	0000255310	431	-
Geosciences	47.050	-	14,492	Columbia University	22F GG009393-04	14,492	-
Geosciences	47.050	-	7,281	Marine Biological Laboratory	54690	7,281	-
Geosciences	47.050	-	148,724	Columbia University	2 GG015488	148,724	-
Geosciences	47.050	-	121,354	University of California San Diego	706482	121,354	-
Geosciences	47.050	-	46,306	University of California San Diego	706587	46,306	-
Geosciences	47.050	-	28,325	University of California San Diego	706603	28,325	-
Geosciences	47.050	-	21,575	University of California San Diego	707097	21,575	-
Geosciences	47.050	-	3,286	Rice University	PO X03137185	3,286	-
Geosciences	47.050	-	(6,923)	Rice University	PO X03087203	(6,923)	-
Geosciences	47.050	-	9,709	Rutgers University	PO 25537269	9,709	-
Geosciences	47.050	-	3,572	Lehigh University	PU087569	3,572	-
Geosciences	47.050	-	45,915	University of Colorado	15557596	45,915	-
Geosciences	47.050	-	1,886	University of Connecticut	PO 598157	1,886	-
Geosciences	47.050	-	16,548	University of Michigan	K00018353	16,548	-
Geosciences	47.050	-	6,871	Rutgers University	PO 25638774	6,871	-
Geosciences	47.050	-	42,232	Columbia University	22G GG009393 04	42,232	-
Geosciences	47.050	-	1,156	University of Rhode Island	PO 0000209539	1,156	-
Geosciences	47.050	-	349	University of Minnesota	PO 002499862	349	-
Computer and Information Science and Engineering	47.070	207,294	-			207,294	-
Computer and Information Science and Engineering	47.070	-	94,926	Woodwell Climate Research Center	AGX624 03	94,926	-
Biological Sciences	47.074	1,454,144	-			1,454,144	1,812
Biological Sciences	47.074	-	80,199	Rutgers University	1150	80,199	-
STEM Education	47.076	62,613	-			62,613	18,072
Polar Programs	47.078	5,337,141	-			5,337,141	-
Polar Programs	47.078	-	48,254	University of Georgia	SUB00002688	48,254	-
Polar Programs	47.078	-	83,826	Rutgers University	3070	83,826	-
Polar Programs	47.078	-	78,871	University of Washington	UWSC13593	78,871	-
Polar Programs	47.078	-	56,107	University of Washington	UWSC13728	56,107	-
Polar Programs	47.078	-	56,993	Oregon State University	PO 265747	56,993	-
Polar Programs	47.078	-	61,624	University of Rhode Island	0009991	61,624	-
Office of International Science and Engineering	47.079	312,625	-			312,625	15,941
Office of International Science and Engineering	47.079	-	28,574	University of South Alabama	A17 0170 S003	28,574	-
Office of International Science and Engineering	47.079	-	69,645	Bigelow Laboratory for Ocean Sciences	22 002	69,645	-
Office of International Science and Engineering	47.079	-	56,862	University of Texas at Austin	SUB000000012	56,862	-
Office of Cyberinfrastructure	47.080	95,001	-			95,001	-
Integrative Activities	47.083	222,744	-			222,744	-
Integrative Activities	47.083	-	10,638	University of Cincinnati	SUB 013204 002	10,638	-
Integrative Activities	47.083	-	2,175	University of Florida	SUB000003314	2,175	-
NSF Technology, Innovation, and Partnerships	47.084	2,126,484	-			2,126,484	854,840
NSF Technology, Innovation, and Partnerships	47.084	-	86,954	Vesta PBC	22 0002 G NSF WHOI	86,954	-
NSF Technology, Innovation, and Partnerships	47.084	-	52,069	Tufts University	EP0239216	52,069	-
Subtotal National Science Foundation		158,769,827	6,227,904			164,997,731	26,863,806
Environmental Protection Agency							
Geographic Programs - Southeast New England Coastal Watershed Restoration Program	66.129	-	18,123	Buzzards Bay Coalition	BBC EPA 00A00784	18,123	-
Geographic Programs - South Florida Geographic Initiatives Program	66.484	26,100	-			26,100	-
Science to Achieve Results (STAR) Research Program	66.509	188,332	-			188,332	44,585
Subtotal Environmental Protection Agency		214,432	18,123			232,555	44,585
Department of Energy							
Office of Science Financial Assistance Program	81.049	-	138,414	3Newable LLC	Subaward Agreement	138,414	-
Renewable Energy Research and Development	81.087	4,000,458	-			4,000,458	286,802
Renewable Energy Research and Development	81.087	-	50,224	Duke University	323000017	50,224	-
Advanced Research Projects Agency Energy	81.135	495,248	-			495,248	-
Advanced Research Projects Agency Energy	81.135	-	37,488	University of Alaska	UAF 190029	37,488	-
Advanced Research Projects Agency Energy	81.135	-	34,011	University of California Santa Barbara	KK2304	34,011	965
DEFE0032417	81.RD	-	24,534	University of California Davis	A242263S0003	24,534	-
DEAR0000912	81.RD	-	371,215	Marine Biological Laboratory	53718	371,215	-
7659890	81.RD	-	25,362	University of Washington	PO0100010034 v2	25,362	-
Subtotal Department Of Energy		4,495,706	681,248			5,176,954	287,767

The accompanying notes are an integral part of this schedule.

Woods Hole Oceanographic Institution

Schedule of Expenditures of Federal Awards

Year Ended December 31, 2024

Federal Grantor/Pass-Through Grantor/Program or Cluster Title	Assistance Listing Number	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Sponsor Number	Total Expenditures	Passed to Sub-Recipients
Department of Health And Human Services							
National Institutes Of Health							
Environmental Health	93.113	1,397,713	-			1,397,713	231,217
Environmental Health	93.113	-	223,798	University of California Davis	A22 2213 S001	223,798	-
Environmental Health	93.113	-	47,303	European Molecular Biology Laboratory	WHOI 3338 01	47,303	-
Environmental Health	93.113	-	116,682	Florida Gulf Coast University	17056 NIH WHOI 01	116,682	-
Biomedical Research and Research Training	93.859	319,137	-			319,137	-
1R21ES03583501	93.RD	-	328	North Carolina State University	PAM P23 002600 SA01	328	-
<i>Subtotal Department of Health and Human Services</i>		<u>1,716,850</u>	<u>388,111</u>			<u>2,104,961</u>	<u>231,217</u>
Total Research & Development Cluster		<u>226,727,216</u>	<u>17,952,333</u>			<u>244,679,549</u>	<u>36,506,478</u>
Total Federal Award Expenditures		<u>\$ 226,727,216</u>	<u>\$ 17,952,333</u>			<u>\$ 244,679,549</u>	<u>\$ 36,506,478</u>

The accompanying notes are an integral part of this schedule.

Woods Hole Oceanographic Institution

Notes to Schedule of Expenditures of Federal Awards

Year Ended December 31, 2024

1. Summary of Significant Accounting Policies

Basis of Presentation

The accompanying Schedule of Expenditures of Federal Awards (the "Schedule") has been prepared using the accrual basis of accounting and in accordance with Title 2 U.S. *Code of Federal Regulations* Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* ("Uniform Guidance"). The purpose of the Schedule is to present a summary of those activities of the Institution for the year ended December 31, 2024 which have been financed by the U.S. Government ("federal awards"). For purposes of the Schedule, federal awards include all federal assistance entered into directly between the federal government and the Institution and federal funds awarded to the Institution by a prime recipient. Because the Schedule presents only a selected portion of the activities of the Institution, it is not intended to and does not present the financial position, changes in net assets, or cash flows of the Institution. Negative amounts represent adjustments to amounts reported in prior years in the normal course of business. Full Assistance Listing Numbers and pass-through entity identification numbers are presented when available.

2. Fringe Benefits and Indirect Costs

The Institution recovers fringe benefits and indirect costs associated with federal award programs pursuant to fixed rates with carryforward provisions negotiated annually with the Office of Naval Research ("ONR"). The Defense Contract Audit Agency ("DCAA") has completed an audit of the rates used by the Institution through the fiscal year ended December 31, 2023. The 2024 indirect cost recovery rates, which are fixed with carryforward provisions, include the impact of prior year settlements. The Institution applies its predetermined approved facilities and administrative rate when charging indirect costs to federal awards rather than the 10% de minimis cost rate as described in Section 200.414 of the Uniform Guidance.

**Part II – Reports on Internal Control and Compliance
and Other Matters**



Report of Independent Auditors on Internal Control Over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with *Government Auditing Standards*

To the Board of Trustees of
Woods Hole Oceanographic Institution

We have audited, in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States, the financial statements of Woods Hole Oceanographic Institution (the "Institution"), which comprise the statement of financial position as of December 31, 2024, and the related statements of activities and of cash flows for the year then ended, including the related notes (collectively referred to as the "financial statements"), and have issued our report thereon dated July 23, 2025.

Report on Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered the Institution's internal control over financial reporting (internal control) as a basis for designing audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Institution's internal control. Accordingly, we do not express an opinion on the effectiveness of the Institution's internal control.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected, on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses or significant deficiencies may exist that were not identified.

Report on Compliance and Other Matters

As part of obtaining reasonable assurance about whether the Institution's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements, noncompliance with which could have a direct and material effect on the financial statements. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.



Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the Institution's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Institution's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

PricewaterhouseCoopers LLP

Boston, Massachusetts
July 23, 2025



Report of Independent Auditors on Compliance for Each Major Program and on Internal Control Over Compliance Required by Uniform Guidance

To the Board of Trustees of
Woods Hole Oceanographic Institution

Report on Compliance for Each Major Federal Program

Opinion on Each Major Federal Program

We have audited Woods Hole Oceanographic Institution's (the "Institution") compliance with the types of compliance requirements identified as subject to audit in the OMB *Compliance Supplement* that could have a direct and material effect on each of the Institution's major federal programs for the year ended December 31, 2024. The Institution's major federal programs are identified in the summary of auditor's results section of the accompanying schedule of findings and questioned costs.

In our opinion, the Institution complied, in all material respects, with the compliance requirements referred to above that could have a direct and material effect on each of its major federal programs for the year ended December 31, 2024.

Basis for Opinion on Each Major Federal Program

We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America (US GAAS); the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States; and the audit requirements of Title 2 U.S. *Code of Federal Regulations Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). Our responsibilities under those standards and the Uniform Guidance are further described in the Auditors' Responsibilities for the Audit of Compliance section of our report.

We are required to be independent of the Institution and to meet our other ethical responsibilities, in accordance with relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion on compliance for each major federal program. Our audit does not provide a legal determination of the Institution's compliance with the compliance requirements referred to above.

Responsibilities of Management for Compliance

Management is responsible for compliance with the requirements referred to above and for the design, implementation, and maintenance of effective internal control over compliance with the requirements of laws, statutes, regulations, rules and provisions of contracts or grant agreements applicable to the Institution's federal programs.

Auditors' Responsibilities for the Audit of Compliance

Our objectives are to obtain reasonable assurance about whether material noncompliance with the compliance requirements referred to above occurred, whether due to fraud or error, and express an opinion on the Institution's compliance based on our audit. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with US GAAS, *Government Auditing Standards*, and the Uniform Guidance will always detect material noncompliance when it exists. The risk of not detecting material noncompliance resulting from fraud is higher than for that resulting from error, as fraud may involve collusion, forgery, intentional



omissions, misrepresentations, or the override of internal control. Noncompliance with the compliance requirements referred to above is considered material, if there is a substantial likelihood that, individually or in the aggregate, it would influence the judgment made by a reasonable user of the report on compliance about the Institution's compliance with the requirements of each major federal program as a whole.

In performing an audit in accordance with US GAAS, *Government Auditing Standards*, and the Uniform Guidance, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material noncompliance, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the Institution's compliance with the compliance requirements referred to above and performing such other procedures as we considered necessary in the circumstances.
- Obtain an understanding of the Institution's internal control over compliance relevant to the audit in order to design audit procedures that are appropriate in the circumstances and to test and report on internal control over compliance in accordance with the Uniform Guidance, but not for the purpose of expressing an opinion on the effectiveness of the Institution's internal control over compliance. Accordingly, no such opinion is expressed.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and any significant deficiencies and material weaknesses in internal control over compliance that we identified during the audit.

Report on Internal Control Over Compliance

A deficiency in internal control over compliance exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, noncompliance with a type of compliance requirement of a federal program on a timely basis. A *material weakness in internal control over compliance* is a deficiency, or combination of deficiencies, in internal control over compliance, such that there is a reasonable possibility that material noncompliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected, on a timely basis. A *significant deficiency in internal control over compliance* is a deficiency, or a combination of deficiencies, in internal control over compliance with a type of compliance requirement of a federal program that is less severe than a material weakness in internal control over compliance, yet important enough to merit attention by those charged with governance.

Our consideration of internal control over compliance was for the limited purpose described in the Auditors' Responsibilities for the Audit of Compliance section above and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant deficiencies in internal control over compliance. Given these limitations, during our audit we did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses, as defined above. However, material weaknesses or significant deficiencies in internal control over compliance may exist that were not identified.

Our audit was not designed for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, no such opinion is expressed.



The purpose of this report on internal control over compliance is solely to describe the scope of our testing of internal control over compliance and the results of that testing based on the requirements of the Uniform Guidance. Accordingly, this report is not suitable for any other purpose.

PricewaterhouseCoopers LLP

Boston, Massachusetts
August 14, 2025

Part III – Audit Findings

Woods Hole Oceanographic Institution

Schedule of Findings and Questioned Costs

Year Ended December 31, 2024

Section I – Summary of Auditor’s Results

Financial Statements

Type of auditor’s report issued: Unmodified

Internal control over financial reporting:

- Material weakness(es) identified? No
- Significant deficiency(ies) identified that are not considered to be material weaknesses? None reported
- Noncompliance material to financial statements noted? No

Federal Awards

Internal control over major programs:

- Material weakness(es) identified? No
- Significant deficiency(ies) identified that are not considered to be material weaknesses? None Reported

Type of auditor’s report issued on compliance for major programs: Unmodified

Any audit findings disclosed that are required to be reported in accordance with 2 CFR 200.516(a) No

Identification of major programs: Assistance Listing Number(s) **Name of Federal Program or Cluster**

Various Research and Development Cluster

Dollar threshold used to distinguish between Type A and Type B programs: \$ 3,000,000

Auditee qualified as a low-risk auditee? Yes

Section II – Financial Statement Findings

None noted.

Section III - Federal Financial Assistance Findings and Questioned Costs

There are no federal financial assistance findings or questioned costs to report on.

Woods Hole Oceanographic Institution
Summary Schedule of Prior Year Findings and Status
Year Ended December 31, 2024

There are no findings from prior years that are required to be updated in this report.