

# **Monterey Bay Aquarium Research Institute**

**E.I.N. # 770150580**

**Reports on Financial Statements and Federal  
Award Programs in Accordance with OMB  
Uniform Guidance**

**For the Year Ended December 31, 2015**

# Monterey Bay Aquarium Research Institute

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December 31, 2015 and 2014

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## Independent Auditor's Report

To the Board of Directors of the  
Monterey Bay Aquarium Research Institute

### **Report on the Financial Statements**

We have audited the accompanying financial statements of the Monterey Bay Aquarium Research Institute ("the Institute"), which comprise the statements of financial position as of December 31, 2015 and 2014, and the related statements of activities and changes in net assets and of cash flows for the years then ended, and the related notes to the financial statements.

### ***Management's Responsibility 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; this includes 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.

### ***Auditor's Responsibility***

Our responsibility is to express an opinion on the financial statements based on our audits. We conducted our audits 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. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on our judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, we consider internal control relevant to the Institute's preparation and fair presentation of the financial statements 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 Institute's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

### ***Opinion***

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the Monterey Bay Aquarium Research Institute as of December 31, 2015 and 2014, and the changes in net assets and its cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.



**Other Matters**

*Other 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 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 as a whole.

**Other Reporting Required by Government Auditing Standards**

In accordance with *Government Auditing Standards*, we have also issued our report dated June 1, 2016 on our consideration of the Monterey Bay Aquarium Research Institute'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, 2015. The purpose of that report is 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 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 Monterey Bay Aquarium Research Institute's internal control over financial reporting and compliance.

*PricewaterhouseCoopers LLP*

San Francisco, California  
June 1, 2016

**Monterey Bay Aquarium Research Institute**  
**Statements of Financial Position**  
**December 31, 2015 and 2014**

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*(in thousands of dollars)*

	<b>2015</b>	<b>2014</b>
<b>Assets</b>		
Cash and cash equivalents	\$ 6,889	\$ 8,844
Receivables		
The David and Lucile Packard Foundation	49,497	48,527
Federal awards and other	1,179	1,265
Prepaid expenses and other assets	5,651	4,713
Property and equipment - net	<u>50,698</u>	<u>52,049</u>
Total assets	<u>\$ 113,914</u>	<u>\$ 115,398</u>
<b>Liabilities and Net Assets</b>		
Liabilities		
Accounts payable	\$ 896	\$ 1,298
Accrued expenses and other liabilities	8,458	8,941
Postretirement benefit liabilities	<u>38,172</u>	<u>31,646</u>
Total liabilities	<u>47,526</u>	<u>41,885</u>
Net assets		
Unrestricted	26,634	34,539
Temporarily restricted	<u>39,754</u>	<u>38,974</u>
Total net assets	<u>66,388</u>	<u>73,513</u>
Total liabilities and net assets	<u>\$ 113,914</u>	<u>\$ 115,398</u>

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

**Monterey Bay Aquarium Research Institute**  
**Statements of Activities and Changes in Net Assets**  
**Years Ended December 31, 2015 and 2014**

	2015			2014		
	Unrestricted	Temporarily Restricted	Total	Unrestricted	Temporarily Restricted	Total
<i>(in thousands of dollars)</i>						
<b>Revenues</b>						
Contributions						
The David and Lucile Packard Foundation	\$ -	\$ 39,754	\$ 39,754	\$ -	\$ 38,974	\$ 38,974
Individual gifts	13	-	13	14	-	14
Federal awards	5,823	-	5,823	5,804	-	5,804
Non-Federal awards	1,444	-	1,444	1,764	-	1,764
Other	1,054	-	1,054	468	-	468
Net assets released from restrictions	38,974	(38,974)	-	38,210	(38,210)	-
Total revenues	<u>47,308</u>	<u>780</u>	<u>48,088</u>	<u>46,260</u>	<u>764</u>	<u>47,024</u>
<b>Expenses</b>						
Research	41,270	-	41,270	41,880	-	41,880
Management and general	10,591	-	10,591	8,456	-	8,456
Total expenses	<u>51,861</u>	<u>-</u>	<u>51,861</u>	<u>50,336</u>	<u>-</u>	<u>50,336</u>
(Decrease) increase in net assets before change in net assets from actuarial gains and amortization	(4,553)	780	(3,773)	(4,076)	764	(3,312)
Change in net assets from actuarial gains and amortization	(3,352)	-	(3,352)	(9,171)	-	(9,171)
Increase (decrease) in net assets	(7,905)	780	(7,125)	(13,247)	764	(12,483)
<b>Net assets</b>						
Beginning of year	<u>34,539</u>	<u>38,974</u>	<u>73,513</u>	<u>47,786</u>	<u>38,210</u>	<u>85,996</u>
End of year	<u>\$ 26,634</u>	<u>\$ 39,754</u>	<u>\$ 66,388</u>	<u>\$ 34,539</u>	<u>\$ 38,974</u>	<u>\$ 73,513</u>

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

**Monterey Bay Aquarium Research Institute**  
**Statements of Cash Flows**  
**Years Ended December 31, 2015 and 2014**

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<i>(in thousands of dollars)</i>	<b>2015</b>	<b>2014</b>
<b>Cash flows from operating activities</b>		
Decrease in net assets	\$ (7,125)	\$ (12,483)
Adjustments to reconcile (decrease) increase in net assets to net cash provided by operating activities		
Change in net assets from actuarial gains and amortization	3,352	9,171
Depreciation	6,464	6,751
(Gain) loss on disposal of property and equipment	(309)	17
Changes in operating assets and liabilities		
Receivables	(884)	(884)
Prepaid expenses and other assets	(938)	(404)
Accounts payable	(402)	(554)
Accrued expenses and other liabilities	(483)	805
Postretirement benefit liabilities	3,174	1,801
Net cash provided by operating activities	<u>2,849</u>	<u>4,220</u>
<b>Cash flows from investing activities</b>		
Purchase of property and equipment	(4,804)	(4,505)
Proceeds from sale of property and equipment	<u>-</u>	<u>-</u>
Net cash used in investing activities	<u>(4,804)</u>	<u>(4,505)</u>
Net decrease in cash and cash equivalents	(1,955)	(285)
Cash and cash equivalents, beginning of year	<u>8,844</u>	<u>9,129</u>
Cash and cash equivalents, end of year	<u>\$ 6,889</u>	<u>\$ 8,844</u>
<b>Supplemental disclosures</b>		
Cash paid for federal excise taxes	\$ 5	\$ -
Noncash acquisitions of capital equipment	320	-

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

# Monterey Bay Aquarium Research Institute

## Notes to Financial Statements

### December 31, 2015 and 2014

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*(in thousands of dollars)*

#### 1. **Organization and Summary of Significant Accounting Policies**

##### **Organization**

The Monterey Bay Aquarium Research Institute (the "Institute") is a not-for-profit organization founded in 1987 for the purpose of conducting scientific research in marine biology, oceanography, underwater geology, and other kinds of marine research in and around the Monterey Bay and elsewhere and to educate the scientific community and the general public in regard to such research. The Institute's primary facilities are located in Moss Landing, California.

Since 1994, The David and Lucile Packard Foundation (the "Foundation") has been the Institute's only member, with the power to elect the Board of Directors. In both 2015 and 2014, approximately 83% of the Institute's revenues came from the Foundation. In addition, certain trustees and officers of the Foundation are also directors or officers of the Institute.

##### **Basis of Presentation**

The financial statements are presented on the accrual basis of accounting and in conformity with accounting principles generally accepted in the United States of America ("generally accepted accounting principles").

##### **Use of Estimates**

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions. These estimates and assumptions affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates. Significant estimates include the accrual for postretirement benefit liabilities and the estimated useful life for property and equipment.

##### **Unrestricted Net Assets**

Unrestricted net assets represent unrestricted resources available to support the Institute's operations.

##### **Temporarily and Permanently Restricted Net Assets**

Temporarily restricted net assets represent gifts that are limited in use by the Institute in accordance with donor-imposed stipulations. These stipulations may expire with time or may be satisfied and removed by the actions of the Institute according to the terms of the gifts. At December 31, 2015 and 2014, temporarily restricted net assets consist entirely of gifts from the Foundation restricted to subsequent year's operations. Temporarily restricted net assets of \$38,974 and \$38,210 were released from restriction due to the expiration of time restrictions during the years ended December 31, 2015 and 2014, respectively. Permanently restricted net assets are those net assets whose uses are restricted in perpetuity, such as endowments. The Institute has no permanently restricted net assets.

##### **Concentrations of Credit Risk**

Financial instruments that potentially subject the Institute to credit risk consist primarily of cash and cash equivalents and receivables. Cash and cash equivalents are maintained by major financial institutions and include investments in money market funds. At times, such amounts may exceed Federal Deposit Insurance Corporation limits. Receivables consist primarily of funds due from the Foundation (see Note 3). The Institute closely monitors receivables and has not experienced significant credit losses to date.



# Monterey Bay Aquarium Research Institute

## Notes to Financial Statements

### December 31, 2015 and 2014

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*(in thousands of dollars)*

#### **Cash and Cash Equivalents**

Cash and cash equivalents consist of cash on hand and in banks, money market funds and highly liquid investments purchased with an original maturity of three months or less.

#### **Other Assets**

The Institute's other assets include deferred compensation plan investments which are reported at fair value. Fair value is determined in accordance with accounting principles generally accepted in the United States of America.

Fair value is defined as the amount that would be exchanged for an asset or to transfer a liability between market participants in an orderly transaction at the measurement date. The Institute determines fair value based upon the fair value hierarchy established under applicable accounting guidance which requires an entity to prioritize the use of observable market-based inputs over the use of unobservable inputs when measuring fair value. Investments are categorized as Level 1 when the valuation is based upon quoted prices in active markets for identical assets or liabilities; Level 2 when the valuation is based upon inputs other than quoted prices in active markets that are either directly or indirectly observable; and Level 3 when the valuation is based upon unobservable inputs in which little or no market data exists, therefore requiring the Institute to develop assumptions to determine the best estimate of fair value.

Investment transactions are recorded on a trade date basis. Realized gains and losses on dispositions of investments represent the difference between the original cost of the investment and the proceeds received from the sale.

#### **Property and Equipment**

Property and equipment are stated at cost or at the fair market value at the date of donation and are depreciated on the straight-line basis over the estimated useful lives of the assets (3 to 30 years). Capitalized costs for self-constructed assets include direct labor and benefits for employees specifically identified with the project. Long-lived assets are reviewed for impairment whenever events or changes in circumstances indicate that the carrying amount may not be recoverable.

#### **Revenue Recognition**

Contributions are recognized as revenues when they are received or unconditionally pledged. The Institute reports gifts of cash and other assets as restricted support if they are received with donor stipulations that limit the use of the donated assets. When a donor restriction expires, that is, when a stipulated time restriction ends or purpose restriction is accomplished, temporarily restricted net assets are reclassified to unrestricted net assets and reported in the accompanying statements of activities and changes in net assets as net assets released from restrictions. Temporarily restricted contributions are reported as unrestricted support when the restriction is met in the same period as the contribution is received.

#### **Deferred Grant Revenue**

Deferred grant revenue represents funds which have been received for programs which have not yet been completed or taken place, and therefore have not yet been earned.

**Monterey Bay Aquarium Research Institute**  
**Notes to Financial Statements**  
**December 31, 2015 and 2014**

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*(in thousands of dollars)*

**Income Taxes**

The Institute is a not-for-profit corporation as described in Section 501(c) (3) of the Internal Revenue Code (the "Code") and is exempt from federal and state income taxes pursuant to Section 501(a) of the Code and Section 23701(d) of the California Tax Code. To the extent that the Institute carries out activities that are subject to unrelated business income tax, it is subject to income taxation.

The Institute is a private operating foundation within the meaning of Section 509(a) of the Code that makes its required charitable expenditures by sponsoring and managing its own programs. Pursuant to Section 4940(a) of the Code, the Institute's investment income, reduced by certain allowable expenses, is subject to excise tax at a rate of 2% of investment income. The Institute's status as an operating foundation is determined annually by satisfying the income test and certain other numerical tests. Generally, a private operating foundation must make qualifying distributions of 4.25% of the average fair value of the foundation's investment assets directly for the active conduct of the activities for which it is organized and operating. The Institute has met the requirements for private operating foundation status through December 31, 2015 and 2014.

**2. Property and Equipment**

Property and equipment at December 31, 2015 and 2014 consist of the following:

	<b>2015</b>	<b>2014</b>
Land	\$ 4,236	\$ 4,236
Buildings	50,405	50,312
Research vessels	42,845	42,635
Remotely operated vehicles	20,350	19,739
Ocean deployed equipment	26,232	25,752
General equipment, furniture, and fixtures	18,626	20,169
Capital projects in progress	4,311	5,421
Total	167,005	168,264
Less: Accumulated depreciation	(116,307)	(116,215)
Property and equipment, net	\$ 50,698	\$ 52,049

As of December 31, 2015, the carrying value of the leased property for which MBARI is the lessor is as follows:

Land	\$ 165
Buildings	1,397
Accumulated depreciation	739
Leased property, net	\$ 823

**3. Related-Party Transactions**

In December of each year, the Institute receives a grant from the Foundation to support the subsequent year's operations. The Institute received grants of \$39,754 and \$38,974 in 2015 and 2014, to be used in 2016 and 2015, respectively. The receivable from the Foundation was \$49,497 and \$48,527 as of December 31, 2015 and 2014, respectively.

# Monterey Bay Aquarium Research Institute

## Notes to Financial Statements

### December 31, 2015 and 2014

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(in thousands of dollars)

#### 4. Commitments and Contingencies

The Institute leases certain land and facilities under noncancelable operating leases. The terms of these leases expire in 2017 through 2039, with certain options to renew. Certain rental rates are subject to adjustment based on increases in the consumer price index. Future minimum lease payments under noncancelable operating leases as of December 31, 2015, are approximately as follows:

Year Ending December 31	
2016	\$ 164
2017	130
2018	28
2019	29
2020	30
Thereafter	<u>718</u>
Total	<u>\$ 1,099</u>

Rent expense was \$163 and \$162 for the years ended December 31, 2015 and 2014, respectively.

As of December 31, 2015 and 2014, the Institute has \$500 on deposit as collateral to guarantee that the Institute will comply with the provisions of a land lease entered into with the State of California, California State Lands Commission to obtain right-of-way use needed for the construction of one of the Institute's projects, the MARS Project. This amount is included in prepaid expenses and other assets in the statements of financial position.

The Institute derives a portion of its revenues from various federally funded programs that are subject to review and audit by governmental oversight agencies. Institute management believes that the Institute is in material compliance with the standards set forth by the federal governmental agencies and that the outcome of reviews and audits conducted by such agencies will not have a significant effect on the financial position or changes in net assets of the Institute.

#### Claims

Claims are filed from time to time against the Institute in the ordinary course of business. The Institute is not aware of any such matters that would have a material adverse effect on the Institute's financial position.

#### 5. Minimum Future Rental Revenues

The Institute leases land and facilities to others under noncancelable leases with lease terms expiring in 2016 and 2025, with options to renew. Certain rental rates are subject to annual increases ranging up to 3%.

**Monterey Bay Aquarium Research Institute**  
**Notes to Financial Statements**  
**December 31, 2015 and 2014**

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*(in thousands of dollars)*

Minimum future rental receipts from operating leases having noncancelable lease terms in excess of one year as of December 31, 2015, are approximately as follows:

<b>Year Ending December 31</b>			
2016		\$	169
2017			94
2018			33
2019			33
2020			33
Beyond			<u>136</u>
	Total	\$	<u>498</u>

**6. Retirement Plans**

The Institute sponsors defined contribution plans under both IRC Section 401(a) and 403(b). The plans cover all employees who meet eligibility requirements. Contributions to the 401(a) plan are made by the Institute at 10% of an employee's annual salary. Under the 403(b) plan and subject to statutory limits, employees make voluntary deferred salary contributions to the plan. Total expenses related to such plans were \$2,190 and \$2,058 in 2015 and 2014, respectively.

The Institute sponsors a Section 457(b) Qualified Eligible Salary Deferral Plan (the "Salary Deferral Plan") primarily for the purpose of providing deferred compensation for a select group of management or highly compensated employees to accumulate retirement assets. The Salary Deferral Plan enables participants to defer income on a pre-tax basis. At December 31, 2015 and 2014, the Institute held other assets of \$2,904 and \$2,670, respectively, that are included in prepaid expenses and other assets. These assets are designated by the Institute to pay future Salary Deferral Plan liabilities of \$2,904 and \$2,670, respectively, as of December 31, 2015 and 2014. These liabilities are included in accrued expenses and other liabilities.

The Institute also sponsors a Nonqualified Deferred Compensation Restoration Plan (the "Compensation Restoration Plan") primarily for the purpose of providing deferred compensation for a select group of management or highly compensated employees to accumulate retirement assets. The Compensation Restoration Plan provides for the Institute to make contributions to a participant's account equal to the amount in excess of IRC limits which the participant would otherwise have been eligible for in accordance with the Institute's 401(a) plan. At December 31, 2015 and 2014, the Institute held other assets of \$14 and \$8, respectively, that are included in prepaid expenses and other assets, which are designated by the Institute to pay future Deferred Compensation Restoration Plan liabilities of \$14 and \$8 as of December 31, 2015 and 2014. These liabilities are included in accrued expenses and other liabilities.

**Monterey Bay Aquarium Research Institute**  
**Notes to Financial Statements**  
**December 31, 2015 and 2014**

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(in thousands of dollars)

At December 31, 2015 and 2014 all of the Institute's deferred compensation plan investments were classified as Level 1 and consisted of the following:

	<b>2015</b>	<b>2014</b>
Cash and cash equivalents	\$ -	\$ 3
Equity mutual funds	1,268	1,119
U.S. Government securities mutual funds	58	42
Bond mutual funds	5	52
Equity and bond mutual funds	1,475	1,358
Real estate mutual funds	112	104
Total fair value of investments	<u>\$ 2,918</u>	<u>\$ 2,678</u>

The Institute has a contributory retiree health insurance program (the "Plan") which covers substantially all employees who meet the eligibility requirements. Each August 1st, MBARI makes a contribution on behalf of each retired employee to a health reimbursement account (HRA). The amount of the contribution is 50% of the annual premium that is charged by MBARI's health insurer for an employee with the same family status (single or two-party coverage) as the retiree. The retiree may then spend the amount in the HRA on any medical expenses that are tax-deductible, including premiums for health insurance.

As a result of a plan amendment, the accumulated plan benefit obligation was re-measured on March 1, 2009. On that date, the discount rate was set as 6.68%. The accumulated plan benefit obligation on March 1, 2009 was \$7,051 before the plan amendment and \$7,635 after the plan amendment. The difference of \$584 was added to the unrecognized prior service cost and is being amortized in periods after March 1, 2009.

The following information presents the Plan's unfunded status and the amounts recognized in the statements of financial position as of December 31, 2015 and 2014, based on a measurement date of December 31:

	<b>2015</b>	<b>2014</b>
Benefit obligation	\$ (38,172)	\$ (31,646)
Fair value of plan assets	<u>-</u>	<u>-</u>
Unfunded status	<u>\$ (38,172)</u>	<u>\$ (31,646)</u>
Amount recognized in the statements of financial position as postretirement benefit liabilities	<u>\$ (38,172)</u>	<u>\$ (31,646)</u>

Amounts recognized in unrestricted net assets at December 31, 2015 and 2014 were as follows:

	<b>2015</b>	<b>2014</b>
Prior year service cost	\$ -	\$ 24
Net loss	12,883	9,507
Total	<u>\$ 12,883</u>	<u>\$ 9,531</u>

**Monterey Bay Aquarium Research Institute**  
**Notes to Financial Statements**  
**December 31, 2015 and 2014**

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(in thousands of dollars)

Changes in postretirement benefit liabilities recognized in the change in unrestricted net assets were as follows:

	<b>2015</b>	<b>2014</b>
Net loss (gain)	\$ 3,376	\$ 9,267
Prior service cost (credit)	-	-
Amortization of net gain	-	-
Amortization of prior service costs	<u>(24)</u>	<u>(96)</u>
Total recognized in unrestricted net assets	3,352	9,171
Net periodic postretirement benefit cost	<u>3,230</u>	<u>1,844</u>
Total recognized in net periodic benefit cost and unrestricted net assets	<u>\$ 6,582</u>	<u>\$ 11,015</u>

Total contributions paid by the Institute to the Plan for the years ended December 31, 2015 and 2014 were \$56 and \$43, respectively. Total benefit payments made from the Plan for the years ended December 31, 2015 and 2014 were \$56 and \$43, respectively.

The weighted-average discount rate used in determining the accumulated postretirement benefit liabilities was 4.39% and 4.00% as of December 31, 2015 and 2014, respectively, and in determining the net periodic postretirement benefit cost was 4.00% and 5.04% for the years ended December 31, 2015 and 2014, respectively.

The estimated prior service cost and net gain for the Plan that will be amortized from unrestricted net assets into the net periodic postretirement benefit cost in 2016 is as follows:

	<b>2016</b>
Amortization of prior service cost (credit)	\$ -
Amortization of net loss (gain)	<u>1,277</u>
	<u>\$ 1,277</u>

The Plan is fully insured, and is funded on a pay-as-you-go basis. The estimated minimum benefit payments by year that reflect expected future service to be paid by the Institute are as follows:

2016	\$ 273
2017	414
2018	557
2019	701
2020	843
2021-2025	6,743

**Monterey Bay Aquarium Research Institute**  
**Notes to Financial Statements**  
**December 31, 2015 and 2014**

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*(in thousands of dollars)*

The annual rate of increase in the per capita cost of medical benefits (i.e. health care cost trend rate) was assumed to be 12% in 2016, 9.5% in 2017 and declining by 0.5% per year until the ultimate trend rate of 5.0% is reached by 2026. A 1% point increase or decrease in this rate would increase or decrease the accumulated postretirement benefit liabilities by \$8,873 and \$(6,871), respectively, and increase or decrease the service cost plus interest cost component of the net periodic postretirement benefit cost by \$661 and \$(494), respectively, for the year ended December 31, 2015.

**7. Research Expenses**

The Institute's research expenses are classified within the following divisions:

**Division of Marine Operations**

Division of Marine Operations is responsible for operating and maintaining the research vessels and remotely operative vehicles.

**Research and Development**

Research and Development encompasses scientists and engineers who develop and manage oceanographic research programs.

**Information and Technology Dissemination**

Information and Technology Dissemination is responsible for internal and external communication efforts.

Research expenses, by division, for the years ended December 31, 2015 and 2014, are as follows:

	<b>2015</b>	<b>2014</b>
Division of marine operations	\$ 4,228	\$ 4,282
Research and development	35,266	35,697
Information and technology dissemination	<u>1,776</u>	<u>1,901</u>
Total	<u>\$ 41,270</u>	<u>\$ 41,880</u>

**8. Subsequent Events**

Management has evaluated subsequent events through June 1, 2016, which is the date the financial statements were available to be issued.

**Monterey Bay Aquarium Research Institute**  
**Schedule of Expenditures of Federal Awards**  
**For the Year Ended December 31, 2015**

Federal Grantor/Pass-through Grantor/Program Title	Federal CFDA #	Award Number	Pass-through Number	Federal Expenditures	Pass-Through to Subrecipients
<b>Research and Development - Cluster</b>					
<b>National Science Foundation</b>					
Direct Programs					
Geosciences	47.050	OCE-0962032		\$ 225,475	
Geosciences	47.050	OCE-1337601		1,108,497	\$ 65,777
Geosciences	47.050	OCE-1416877		81,513	
Biological Sciences	47.074	BIO-1455501		8,267	
Polar Programs	47.078	ARC-1022773		42,506	
Geosciences	47.050	OCE-1041075		43,619	
Biological Sciences	47.074	DEB-1542679		6,102	
Geosciences	47.050	OCE-1440346		26,834	
Geosciences	47.050	OCE-1114794		163,762	
Geosciences	47.050	OCE-1357042		96,879	
Office of Cyberinfrastructure	47.080	OCI-1148213		25,950	
Polar Programs via Geosciences	47.050	PLR-1353177		1,423	
Geosciences	47.050	OCE-1260295		8,754	
Biological Sciences	47.074	IOS-0843119		61,283	
Geosciences	47.050	OCE-1514756		148,299	
Subtotal Direct Awards - National Science Foundation (NSF)				2,049,163	65,777
National Science Foundation Pass-through Programs From					
Pass-through from Princeton University - Geosciences	47.050	PLR-1425989	SUB0000010	765,258	
Pass-through from Woods Hole Oceanographic Institution - Geosciences	47.050	ICER-1541008	A101276	26,617	
Pass-through from Woods Hole Oceanographic Institution - Engineering	47.041	IIP-1534054	A101277	2,269	
Pass-through from University of Hawaii - Biological Sciences	47.074	DBI-0424599	Z793036	1,000	
Total National Science Foundation				2,844,306	65,777
<b>U.S. Department of Defense - Office of Naval Research</b>					
Direct Programs					
Basic & Applied Scientific Research	12.300	N00014-14-1-0199		263,540	159,237
Subtotal Direct Awards - Office of Naval Research				263,540	159,237
U.S. Department of Defense Pass-through Programs From					
Pass-through from Naval Postgraduate School	12.300	N00244-13-2-0007	N6227113RCGP502	3,144	
Total U.S. Department of Defense - Office of Naval Research				266,684	159,237

The accompanying notes are an integral part of this schedule.



**Monterey Bay Aquarium Research Institute  
Schedule of Expenditures of Federal Awards  
For the Year Ended December 31, 2015**

Federal Grantor/Pass-through Grantor/Program Title	Federal CFDA #	Award Number	Pass-through Number	Federal Expenditures	Pass-Through to Subrecipients
<b>(Continued from previous page)</b>					
<b>National Aeronautics and Space Administration</b>					
National Aeronautics and Space Administration Pass-through Programs From					
Pass-through from UC Santa Cruz	43.001	NNX11AG11G	S0183665	87,688	
Pass-through from UC Santa Cruz	43.001	NNX14AC42G	S0184246	12,517	
Pass-through from Stanford University	43.001	NNX11AR62G	28679320-50404-A	271,841	
Pass-through from University of South Florida	43.001	NNX14AP62A	2500-1616-00-A	128,660	
Total National Aeronautics and Space Administration				<u>500,706</u>	<u>-</u>
<b>National Oceanic and Atmospheric Administration</b>					
Direct Programs					
Integrated Ocean Observing System (IOOS)	11.012	NA11NOS0120032		1,968,524	1,525,654
Coastal Ocean Program in the Center for Sponsored Coastal Ocean Research	11.478	NA11NOS4780055		130,826	
Subtotal Direct Awards - National Oceanic and Atmospheric Administration				<u>2,099,350</u>	<u>1,525,654</u>
National Oceanic and Atmospheric Administration Pass-through Programs From					
Pass-through from University of Washington	11.012	NA14NOS0120149	UWSC7901	49,219	
Total National Oceanographic and Atmospheric Administration				<u>2,148,569</u>	<u>1,525,654</u>
<b>Defense Advanced Research Projects Agency</b>					
Defense Advanced Research Projects Agency Pass-through Programs From					
Pass-through from University of Washington	N/A	N66001 -15-C-4009	UWSC8308	2,773	
Total Defense Advanced Research Projects Agency				<u>2,773</u>	<u>-</u>
<b>U.S. Department of Health and Human Services</b>					
<b>National Institutes of Health</b>					
Direct Program - Biomedical Research and Research Training	93.859	1 RO1 GM087198		58,005	
Total National Institutes of Health				<u>58,005</u>	<u>-</u>
<b>U.S. Department of the Interior</b>					
<b>United States Geological Survey</b>					
Direct Program - Research and Data Collection	15.808	G15AC00093		1,619	
Total United States Geological Survey				<u>1,619</u>	<u>-</u>
Total Research and Development - Cluster				<u>5,822,663</u>	<u>1,750,668</u>
<b>Total Expenditures of Federal Awards</b>				<u>\$ 5,822,663</u>	<u>\$ 1,750,668</u>

The accompanying notes are an integral part of this schedule.

**Monterey Bay Aquarium Research Institute**  
**Notes to Schedule of Expenditures of Federal Awards**  
**For the Year Ended December 31, 2015**

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**1. Basis of Presentation**

The information in this Schedule is presented in accordance with the 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). Therefore, some amounts presented in this schedule may differ from the presentation of the amounts in the financial statements. All federal awards passed through from other governmental agencies are included in the schedule of expenditures of federal awards. During the year ended December 31, 2015, no noncash awards were received by the Institute. Full CFDA numbers and pass-through numbers are included when available. The accompanying schedule of expenditures of federal awards presents the federal grant activity of the Institute and is presented on the accrual basis of accounting. The Institute has elected to adopt the two year grace period granted by the OMB for the new Uniform Guidance procurement standard.

**2. Facilities and Administrative Costs**

The Institute uses its negotiated indirect cost rates rather than the 10% de minimis rate allowed by Uniform Guidance.



**Independent Auditor's Report 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 Directors of the  
Monterey Bay Aquarium Research Institute

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 the Monterey Bay Aquarium Research Institute ("the Institute"), which comprise the statements of financial position as of December 31, 2015 and 2014, and the related statements of activities and changes in net assets and of cash flows for the years then ended, and the related notes to the financial statements, and have issued our report thereon dated June 1, 2016.

**Internal Control Over Financial Reporting**

In planning and performing our audit of the financial statements, we considered the Institute's internal control over financial reporting ("internal control") to determine the 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 Institute's internal control. Accordingly, we do not express an opinion on the effectiveness of the Institute'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 may exist that have not been identified.



**Compliance and Other Matters**

As part of obtaining reasonable assurance about whether the Institute'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 determination of financial statement amounts. 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 entity'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 entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

*PricewaterhouseCoopers LLP*

San Francisco, California  
June 1, 2016



**Independent Auditor's Report on Compliance with Requirements  
That Could Have a Direct and Material Effect on Each Major Program and on Internal Control  
Over Compliance in Accordance with the OMB Uniform Guidance**

To the Board of Directors of the  
Monterey Bay Aquarium Research Institute

**Report on Compliance for Each Major Federal Program**

We have audited the Monterey Bay Aquarium Research Institute's ("the Institute") compliance with the types of compliance requirements described in the *OMB Compliance Supplement* that could have a direct and material effect on each of the Institute's major federal programs for the year ended December 31, 2015. The Institute's major federal programs are identified in the summary of auditor's results section of the accompanying schedule of findings and questioned costs.

**Management's Responsibility**

Management is responsible for compliance with federal statutes, regulations and the terms and conditions of its federal awards applicable to its federal programs.

**Auditor's Responsibility**

Our responsibility is to express an opinion on compliance for each of the Institute's major federal programs based on our audit of the types of compliance requirements referred to above. We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America; 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). Those standards and the Uniform Guidance require that we plan and perform the audit to obtain reasonable assurance about whether noncompliance with the types of compliance requirements referred to above that could have a direct and material effect on a major federal program occurred. An audit includes examining, on a test basis, evidence about the Institute's compliance with those requirements and performing such other procedures as we considered necessary in the circumstances.

We believe that our audit provides a reasonable basis for our opinion on compliance for each major federal program. However, our audit does not provide a legal determination of the Institute's compliance.

**Opinion on Each Major Federal Program**

In our opinion, the Monterey Bay Aquarium Research Institute complied, in all material respects, with the types of 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, 2015.



### **Report on Internal Control Over Compliance**

Management of the Institute is responsible for establishing and maintaining effective internal control over compliance with the types of compliance requirements referred to above. In planning and performing our audit of compliance, we considered the Institute's internal control over compliance with the types of requirements that could have a direct and material effect on each major federal program to determine the auditing procedures that are appropriate in the circumstances for the purpose of expressing an opinion on compliance for each major federal program 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 internal control over compliance. Accordingly, we do not express an opinion on the effectiveness of the Institute's 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 first paragraph of this section and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant deficiencies. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

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.

A handwritten signature in black ink that reads "PricewaterhouseCoopers LLP". The signature is written in a cursive, flowing style.

San Francisco, California  
June 1, 2016

**Monterey Bay Aquarium Research Institute**  
**Schedule of Findings and Questioned Costs**  
**For the Year Ended December 31, 2015**

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**I. Summary of Auditors' Results**

*1. Financial Statements*

Type of auditor's report issued: *Unmodified*

Internal control over financing reporting:

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

Noncompliance material to financial statements noted? No

*2. Federal Awards*

Internal control over major programs:

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

Type of auditors' 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

*3. Identification of Major Programs*

<b>CFDA Numbers</b>	<b>Name of Federal Program or Cluster</b>
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Various	Research and Development Cluster
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Dollar threshold used to distinguish between Type A and Type B programs: \$750,000

Auditee qualified as low-risk auditee? Yes

**Monterey Bay Aquarium Research Institute**  
**Schedule of Findings and Questioned Costs**  
**For the Year Ended December 31, 2015**

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**II. Financial Statement Findings**

None

**III. Federal Award Findings and Questioned Costs**

None



**Monterey Bay Aquarium Research Institute**  
**Summary of Status of Prior Audit Findings**  
**For the Year Ended December 31, 2015**

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There were no prior year findings which require an update in this report.