

IRS e-file Signature Authorization for an Exempt Organization

2015

For calendar year 2015, or fiscal year beginning _____, 2015, and ending _____, 20____

▶ Do not send to the IRS. Keep for your records.

▶ Information about Form 8879-EO and its Instructions is at www.irs.gov/form8879eo.

Department of the Treasury
Internal Revenue Service

Name of exempt organization

Employer identification number

MOTE MARINE LABORATORY, INC.

59-0756643

Name and title of officer

MICHAEL P. CROSBY, PH.D.

CEO

Part I Type of Return and Return Information (Whole Dollars Only)

Check the box for the return for which you are using this Form 8879-EO and enter the applicable amount, if any, from the return. If you check the box on line 1a, 2a, 3a, 4a, or 5a, below, and the amount on that line for the return being filed with this form was blank, then leave line 1b, 2b, 3b, 4b, or 5b, whichever is applicable, blank (do not enter -0-). But, if you entered -0- on the return, then enter -0- on the applicable line below. Do not complete more than 1 line in Part I.

1a Form 990 check here	▶ <input checked="" type="checkbox"/>	b Total revenue, if any (Form 990, Part VIII, column (A), line 12)	1b	26,461,159.
2a Form 990-EZ check here	▶ <input type="checkbox"/>	b Total revenue, if any (Form 990-EZ, line 9)	2b	
3a Form 1120-POL check here	▶ <input type="checkbox"/>	b Total tax (Form 1120-POL, line 22)	3b	
4a Form 990-PF check here	▶ <input type="checkbox"/>	b Tax based on investment income (Form 990-PF, Part VI, line 5)	4b	
5a Form 8868 check here	▶ <input type="checkbox"/>	b Balance Due (Form 8868, Part I, line 3c or Part II, line 8c)	5b	

Part II Declaration and Signature Authorization of Officer

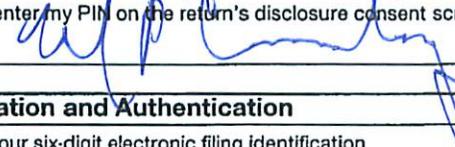
Under penalties of perjury, I declare that I am an officer of the above organization and that I have examined a copy of the organization's 2015 electronic return and accompanying schedules and statements and to the best of my knowledge and belief, they are true, correct, and complete. I further declare that the amount in Part I above is the amount shown on the copy of the organization's electronic return. I consent to allow my intermediate service provider, transmitter, or electronic return originator (ERO) to send the organization's return to the IRS and to receive from the IRS (a) an acknowledgement of receipt or reason for rejection of the transmission, (b) the reason for any delay in processing the return or refund, and (c) the date of any refund. If applicable, I authorize the U.S. Treasury and its designated Financial Agent to initiate an electronic funds withdrawal (direct debit) entry to the financial institution account indicated in the tax preparation software for payment of the organization's federal taxes owed on this return, and the financial institution to debit the entry to this account. To revoke a payment, I must contact the U.S. Treasury Financial Agent at 1-888-353-4537 no later than 2 business days prior to the payment (settlement) date. I also authorize the financial institutions involved in the processing of the electronic payment of taxes to receive confidential information necessary to answer inquiries and resolve issues related to the payment. I have selected a personal identification number (PIN) as my signature for the organization's electronic return and, if applicable, the organization's consent to electronic funds withdrawal.

Officer's PIN: check one box only

I authorize **KERKERING, BARBERIO & CO.** to enter my PIN **49830**
ERO firm name Enter five numbers, but do not enter all zeros

as my signature on the organization's tax year 2015 electronically filed return. If I have indicated within this return that a copy of the return is being filed with a state agency(ies) regulating charities as part of the IRS Fed/State program, I also authorize the aforementioned ERO to enter my PIN on the return's disclosure consent screen.

As an officer of the organization, I will enter my PIN as my signature on the organization's tax year 2015 electronically filed return. If I have indicated within this return that a copy of the return is being filed with a state agency(ies) regulating charities as part of the IRS Fed/State program, I will enter my PIN on the return's disclosure consent screen.

Officer's signature ▶  Date ▶ **11/11/16**

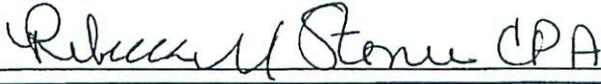
Part III Certification and Authentication

ERO's EFIN/PIN. Enter your six-digit electronic filing identification number (EFIN) followed by your five-digit self-selected PIN.

65021619908

do not enter all zeros

I certify that the above numeric entry is my PIN, which is my signature on the 2015 electronically filed return for the organization indicated above. I confirm that I am submitting this return in accordance with the requirements of Pub. 4163, Modernized e-File (MeF) Information for Authorized IRS e-file Providers for Business Returns.

ERO's signature ▶  Date ▶ **11/11/16**

**ERO Must Retain This Form - See Instructions
Do Not Submit This Form To the IRS Unless Requested To Do So**

Form **990**

Return of Organization Exempt From Income Tax
Under section 501(c), 527, or 4947(a)(1) of the Internal Revenue Code (except private foundations)

OMB No. 1545-0047

2015
Open to Public Inspection

Department of the Treasury
Internal Revenue Service

▶ Do not enter social security numbers on this form as it may be made public.
▶ Information about Form 990 and its instructions is at www.irs.gov/form990.

A For the 2015 calendar year, or tax year beginning and ending

B Check if applicable: <input type="checkbox"/> Address change <input type="checkbox"/> Name change <input type="checkbox"/> Initial return <input type="checkbox"/> Final return/terminated <input type="checkbox"/> Amended return <input type="checkbox"/> Application pending	C Name of organization MOTE MARINE LABORATORY, INC. Doing business as Number and street (or P.O. box if mail is not delivered to street address) Room/suite 1600 KEN THOMPSON PARKWAY City or town, state or province, country, and ZIP or foreign postal code SARASOTA, FL 34236		D Employer identification number 59-0756643
	F Name and address of principal officer: MICHAEL P. CROSBY, PH.D. SAME AS C ABOVE		E Telephone number (941) 388-4441
	I Tax-exempt status: <input checked="" type="checkbox"/> 501(c)(3) <input type="checkbox"/> 501(c) () (insert no.) <input type="checkbox"/> 4947(a)(1) or <input type="checkbox"/> 527		G Gross receipts \$ 27,590,743.
	J Website: ▶ WWW.MOTE.ORG		H(a) Is this a group return for subordinates? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No H(b) Are all subordinates included? <input type="checkbox"/> Yes <input type="checkbox"/> No If "No," attach a list. (see instructions) H(c) Group exemption number ▶
K Form of organization: <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Trust <input type="checkbox"/> Association <input type="checkbox"/> Other ▶			L Year of formation: 1955 M State of legal domicile: FL

Part I Summary

Activities & Governance	1 Briefly describe the organization's mission or most significant activities: ADVANCING THE SCIENCE OF THE SEA THROUGH RESEARCH, EDUCATION AND OUTREACH.
	2 Check this box <input type="checkbox"/> if the organization discontinued its operations or disposed of more than 25% of its net assets.
	3 Number of voting members of the governing body (Part VI, line 1a) 3 29
	4 Number of independent voting members of the governing body (Part VI, line 1b) 4 28
	5 Total number of individuals employed in calendar year 2015 (Part V, line 2a) 5 248
	6 Total number of volunteers (estimate if necessary) 6 1843
	7a Total unrelated business revenue from Part VIII, column (C), line 12 7a 0.
b Net unrelated business taxable income from Form 990-T, line 34 7b 0.	
Revenue	8 Contributions and grants (Part VIII, line 1h) 4,826,927. 12,678,299.
	9 Program service revenue (Part VIII, line 2g) 15,142,973. 13,270,176.
	10 Investment income (Part VIII, column (A), lines 3, 4, and 7d) -2,098,892. 54,786.
	11 Other revenue (Part VIII, column (A), lines 5, 6d, 8c, 9c, 10c, and 11e) 485,880. 457,898.
	12 Total revenue - add lines 8 through 11 (must equal Part VIII, column (A), line 12) 18,356,888. 26,461,159.
Expenses	13 Grants and similar amounts paid (Part IX, column (A), lines 1-3) 285,959. 296,680.
	14 Benefits paid to or for members (Part IX, column (A), line 4) 0. 0.
	15 Salaries, other compensation, employee benefits (Part IX, column (A), lines 5-10) 10,962,166. 10,802,145.
	16a Professional fundraising fees (Part IX, column (A), line 11e) 0. 0.
	b Total fundraising expenses (Part IX, column (D), line 25) ▶ 1,356,828.
	17 Other expenses (Part IX, column (A), lines 11a-11d, 11f-24e) 9,345,319. 9,828,834.
18 Total expenses. Add lines 13-17 (must equal Part IX, column (A), line 25) 20,593,444. 20,927,659.	
19 Revenue less expenses. Subtract line 18 from line 12 -2,236,556. 5,533,500.	
Net Assets or Fund Balances	20 Total assets (Part X, line 16) 50,103,916. 52,856,042.
	21 Total liabilities (Part X, line 26) 17,801,000. 16,495,651.
	22 Net assets or fund balances. Subtract line 21 from line 20 32,302,916. 36,360,391.

Part II Signature Block

Under penalties of perjury, I declare that I have examined this return, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete. Declaration of preparer (other than officer) is based on all information of which preparer has any knowledge.

Sign Here	Signature of officer		Date
	MICHAEL P. CROSBY, PH.D., CEO Type or print name and title		
Paid Preparer Use Only	Print/Type preparer's name REBECCA U. STONER	Preparer's signature	Date
	Firm's name ▶ KERKERING, BARBERIO & CO. Firm's address ▶ P.O. BOX 49348 SARASOTA, FL 34230-6348	Firm's EIN ▶ 59-1753337	Check if self-employed <input type="checkbox"/> PTIN P00585910 Phone no. 941-365-4617

May the IRS discuss this return with the preparer shown above? (see instructions) Yes No

Part III Statement of Program Service Accomplishments

Check if Schedule O contains a response or note to any line in this Part III [X]

1 Briefly describe the organization's mission: THE ADVANCEMENT OF MARINE AND ENVIRONMENTAL SCIENCES THROUGH SCIENTIFIC RESEARCH, EDUCATION AND PUBLIC OUTREACH, LEADING NEW DISCOVERIES, REVITALIZATION AND SUSTAINABILITY OF OUR OCEANS AND GREATER PUBLIC UNDERSTANDING OF OUR MARINE RESOURCES.

2 Did the organization undertake any significant program services during the year which were not listed on the prior Form 990 or 990-EZ? [] Yes [X] No

3 Did the organization cease conducting, or make significant changes in how it conducts, any program services? [] Yes [X] No

4 Describe the organization's program service accomplishments for each of its three largest program services, as measured by expenses. Section 501(c)(3) and 501(c)(4) organizations are required to report the amount of grants and allocations to others, the total expenses, and revenue, if any, for each program service reported.

4a (Code:) (Expenses \$ 10,294,135. including grants of \$ 155,990.) (Revenue \$ 6,394,998.) SEE SCHEDULE O:

4b (Code:) (Expenses \$ 3,557,471. including grants of \$) (Revenue \$ 3,769,746.) SEE SCHEDULE O:

4c (Code:) (Expenses \$ 1,168,346. including grants of \$ 52,900.) (Revenue \$ 575,974.) SEE SCHEDULE O:

4d Other program services (Describe in Schedule O.) (Expenses \$ 2,217,472. including grants of \$ 87,790.) (Revenue \$ 2,529,458.)

4e Total program service expenses 17,237,424.

Part IV Checklist of Required Schedules

	Yes	No
1 Is the organization described in section 501(c)(3) or 4947(a)(1) (other than a private foundation)? <i>If "Yes," complete Schedule A</i>	X	
2 Is the organization required to complete <i>Schedule B, Schedule of Contributors</i> ?	X	
3 Did the organization engage in direct or indirect political campaign activities on behalf of or in opposition to candidates for public office? <i>If "Yes," complete Schedule C, Part I</i>		X
4 Section 501(c)(3) organizations. Did the organization engage in lobbying activities, or have a section 501(h) election in effect during the tax year? <i>If "Yes," complete Schedule C, Part II</i>	X	
5 Is the organization a section 501(c)(4), 501(c)(5), or 501(c)(6) organization that receives membership dues, assessments, or similar amounts as defined in Revenue Procedure 98-19? <i>If "Yes," complete Schedule C, Part III</i>		X
6 Did the organization maintain any donor advised funds or any similar funds or accounts for which donors have the right to provide advice on the distribution or investment of amounts in such funds or accounts? <i>If "Yes," complete Schedule D, Part I</i>		X
7 Did the organization receive or hold a conservation easement, including easements to preserve open space, the environment, historic land areas, or historic structures? <i>If "Yes," complete Schedule D, Part II</i>		X
8 Did the organization maintain collections of works of art, historical treasures, or other similar assets? <i>If "Yes," complete Schedule D, Part III</i>		X
9 Did the organization report an amount in Part X, line 21, for escrow or custodial account liability, serve as a custodian for amounts not listed in Part X; or provide credit counseling, debt management, credit repair, or debt negotiation services? <i>If "Yes," complete Schedule D, Part IV</i>		X
10 Did the organization, directly or through a related organization, hold assets in temporarily restricted endowments, permanent endowments, or quasi-endowments? <i>If "Yes," complete Schedule D, Part V</i>	X	
11 If the organization's answer to any of the following questions is "Yes," then complete Schedule D, Parts VI, VII, VIII, IX, or X as applicable.		
a Did the organization report an amount for land, buildings, and equipment in Part X, line 10? <i>If "Yes," complete Schedule D, Part VI</i>	X	
b Did the organization report an amount for investments - other securities in Part X, line 12 that is 5% or more of its total assets reported in Part X, line 16? <i>If "Yes," complete Schedule D, Part VII</i>		X
c Did the organization report an amount for investments - program related in Part X, line 13 that is 5% or more of its total assets reported in Part X, line 16? <i>If "Yes," complete Schedule D, Part VIII</i>		X
d Did the organization report an amount for other assets in Part X, line 15 that is 5% or more of its total assets reported in Part X, line 16? <i>If "Yes," complete Schedule D, Part IX</i>	X	
e Did the organization report an amount for other liabilities in Part X, line 25? <i>If "Yes," complete Schedule D, Part X</i>	X	
f Did the organization's separate or consolidated financial statements for the tax year include a footnote that addresses the organization's liability for uncertain tax positions under FIN 48 (ASC 740)? <i>If "Yes," complete Schedule D, Part X</i>	X	
12a Did the organization obtain separate, independent audited financial statements for the tax year? <i>If "Yes," complete Schedule D, Parts XI and XII</i>		X
b Was the organization included in consolidated, independent audited financial statements for the tax year? <i>If "Yes," and if the organization answered "No" to line 12a, then completing Schedule D, Parts XI and XII is optional</i>		X
13 Is the organization a school described in section 170(b)(1)(A)(ii)? <i>If "Yes," complete Schedule E</i>		X
14a Did the organization maintain an office, employees, or agents outside of the United States?		X
b Did the organization have aggregate revenues or expenses of more than \$10,000 from grantmaking, fundraising, business, investment, and program service activities outside the United States, or aggregate foreign investments valued at \$100,000 or more? <i>If "Yes," complete Schedule F, Parts I and IV</i>		X
15 Did the organization report on Part IX, column (A), line 3, more than \$5,000 of grants or other assistance to or for any foreign organization? <i>If "Yes," complete Schedule F, Parts II and IV</i>		X
16 Did the organization report on Part IX, column (A), line 3, more than \$5,000 of aggregate grants or other assistance to or for foreign individuals? <i>If "Yes," complete Schedule F, Parts III and IV</i>		X
17 Did the organization report a total of more than \$15,000 of expenses for professional fundraising services on Part IX, column (A), lines 6 and 11e? <i>If "Yes," complete Schedule G, Part I</i>		X
18 Did the organization report more than \$15,000 total of fundraising event gross income and contributions on Part VIII, lines 1c and 8a? <i>If "Yes," complete Schedule G, Part II</i>	X	
19 Did the organization report more than \$15,000 of gross income from gaming activities on Part VIII, line 9a? <i>If "Yes," complete Schedule G, Part III</i>		X

Part IV Checklist of Required Schedules (continued)

	Yes	No
20a Did the organization operate one or more hospital facilities? <i>If "Yes," complete Schedule H</i>		X
b If "Yes" to line 20a, did the organization attach a copy of its audited financial statements to this return?		
21 Did the organization report more than \$5,000 of grants or other assistance to any domestic organization or domestic government on Part IX, column (A), line 1? <i>If "Yes," complete Schedule I, Parts I and II</i>	X	
22 Did the organization report more than \$5,000 of grants or other assistance to or for domestic individuals on Part IX, column (A), line 2? <i>If "Yes," complete Schedule I, Parts I and III</i>	X	
23 Did the organization answer "Yes" to Part VII, Section A, line 3, 4, or 5 about compensation of the organization's current and former officers, directors, trustees, key employees, and highest compensated employees? <i>If "Yes," complete Schedule J</i>	X	
24a Did the organization have a tax-exempt bond issue with an outstanding principal amount of more than \$100,000 as of the last day of the year, that was issued after December 31, 2002? <i>If "Yes," answer lines 24b through 24d and complete Schedule K. If "No," go to line 25a</i>		X
b Did the organization invest any proceeds of tax-exempt bonds beyond a temporary period exception?		
c Did the organization maintain an escrow account other than a refunding escrow at any time during the year to defease any tax-exempt bonds?		
d Did the organization act as an "on behalf of" issuer for bonds outstanding at any time during the year?		
25a Section 501(c)(3), 501(c)(4), and 501(c)(29) organizations. Did the organization engage in an excess benefit transaction with a disqualified person during the year? <i>If "Yes," complete Schedule L, Part I</i>		X
b Is the organization aware that it engaged in an excess benefit transaction with a disqualified person in a prior year, and that the transaction has not been reported on any of the organization's prior Forms 990 or 990-EZ? <i>If "Yes," complete Schedule L, Part I</i>		X
26 Did the organization report any amount on Part X, line 5, 6, or 22 for receivables from or payables to any current or former officers, directors, trustees, key employees, highest compensated employees, or disqualified persons? <i>If "Yes," complete Schedule L, Part II</i>		X
27 Did the organization provide a grant or other assistance to an officer, director, trustee, key employee, substantial contributor or employee thereof, a grant selection committee member, or to a 35% controlled entity or family member of any of these persons? <i>If "Yes," complete Schedule L, Part III</i>		X
28 Was the organization a party to a business transaction with one of the following parties (see Schedule L, Part IV instructions for applicable filing thresholds, conditions, and exceptions):		
a A current or former officer, director, trustee, or key employee? <i>If "Yes," complete Schedule L, Part IV</i>		X
b A family member of a current or former officer, director, trustee, or key employee? <i>If "Yes," complete Schedule L, Part IV</i>		X
c An entity of which a current or former officer, director, trustee, or key employee (or a family member thereof) was an officer, director, trustee, or direct or indirect owner? <i>If "Yes," complete Schedule L, Part IV</i>		X
29 Did the organization receive more than \$25,000 in non-cash contributions? <i>If "Yes," complete Schedule M</i>	X	
30 Did the organization receive contributions of art, historical treasures, or other similar assets, or qualified conservation contributions? <i>If "Yes," complete Schedule M</i>		X
31 Did the organization liquidate, terminate, or dissolve and cease operations? <i>If "Yes," complete Schedule N, Part I</i>		X
32 Did the organization sell, exchange, dispose of, or transfer more than 25% of its net assets? <i>If "Yes," complete Schedule N, Part II</i>		X
33 Did the organization own 100% of an entity disregarded as separate from the organization under Regulations sections 301.7701-2 and 301.7701-3? <i>If "Yes," complete Schedule R, Part I</i>		X
34 Was the organization related to any tax-exempt or taxable entity? <i>If "Yes," complete Schedule R, Part II, III, or IV, and Part V, line 1</i>	X	
35a Did the organization have a controlled entity within the meaning of section 512(b)(13)?		X
b If "Yes" to line 35a, did the organization receive any payment from or engage in any transaction with a controlled entity within the meaning of section 512(b)(13)? <i>If "Yes," complete Schedule R, Part V, line 2</i>		
36 Section 501(c)(3) organizations. Did the organization make any transfers to an exempt non-charitable related organization? <i>If "Yes," complete Schedule R, Part V, line 2</i>		X
37 Did the organization conduct more than 5% of its activities through an entity that is not a related organization and that is treated as a partnership for federal income tax purposes? <i>If "Yes," complete Schedule R, Part VI</i>		X
38 Did the organization complete Schedule O and provide explanations in Schedule O for Part VI, lines 11b and 19?	X	

Note. All Form 990 filers are required to complete Schedule O

Part V Statements Regarding Other IRS Filings and Tax Compliance

Check if Schedule O contains a response or note to any line in this Part V

Input box for Schedule O

Main table with columns for question numbers (1a-14b), Yes, and No. Includes entries for 1a (136), 1b (0), 2a (248), 3a (X), 4a (X), 5a (X), 6a (X), 7a (X), 7b (X), 7c (X), 7e (X), 7f (X), 7h (X), 8, 9a, 9b, 10a, 10b, 11a, 11b, 12a, 12b, 13a, 13b, 13c, 14a (X), 14b.

Part VI Governance, Management, and Disclosure For each "Yes" response to lines 2 through 7b below, and for a "No" response to line 8a, 8b, or 10b below, describe the circumstances, processes, or changes in Schedule O. See instructions.

Check if Schedule O contains a response or note to any line in this Part VI

Section A. Governing Body and Management

		Yes	No
1a	Enter the number of voting members of the governing body at the end of the tax year If there are material differences in voting rights among members of the governing body, or if the governing body delegated broad authority to an executive committee or similar committee, explain in Schedule O.		
	1a 29		
b	Enter the number of voting members included in line 1a, above, who are independent		
	1b 28		
2	Did any officer, director, trustee, or key employee have a family relationship or a business relationship with any other officer, director, trustee, or key employee?		X
3	Did the organization delegate control over management duties customarily performed by or under the direct supervision of officers, directors, or trustees, or key employees to a management company or other person?		X
4	Did the organization make any significant changes to its governing documents since the prior Form 990 was filed?		X
5	Did the organization become aware during the year of a significant diversion of the organization's assets?		X
6	Did the organization have members or stockholders?		X
7a	Did the organization have members, stockholders, or other persons who had the power to elect or appoint one or more members of the governing body?		X
b	Are any governance decisions of the organization reserved to (or subject to approval by) members, stockholders, or persons other than the governing body?		X
8	Did the organization contemporaneously document the meetings held or written actions undertaken during the year by the following:		
a	The governing body?	X	
b	Each committee with authority to act on behalf of the governing body?	X	
9	Is there any officer, director, trustee, or key employee listed in Part VII, Section A, who cannot be reached at the organization's mailing address? If "Yes," provide the names and addresses in Schedule O		X

Section B. Policies (This Section B requests information about policies not required by the Internal Revenue Code.)

		Yes	No
10a	Did the organization have local chapters, branches, or affiliates?		X
b	If "Yes," did the organization have written policies and procedures governing the activities of such chapters, affiliates, and branches to ensure their operations are consistent with the organization's exempt purposes?		
10b			
11a	Has the organization provided a complete copy of this Form 990 to all members of its governing body before filing the form?	X	
b	Describe in Schedule O the process, if any, used by the organization to review this Form 990.		
12a	Did the organization have a written conflict of interest policy? If "No," go to line 13	X	
b	Were officers, directors, or trustees, and key employees required to disclose annually interests that could give rise to conflicts?	X	
c	Did the organization regularly and consistently monitor and enforce compliance with the policy? If "Yes," describe in Schedule O how this was done	X	
12c		X	
13	Did the organization have a written whistleblower policy?	X	
14	Did the organization have a written document retention and destruction policy?	X	
15	Did the process for determining compensation of the following persons include a review and approval by independent persons, comparability data, and contemporaneous substantiation of the deliberation and decision?		
a	The organization's CEO, Executive Director, or top management official	X	
b	Other officers or key employees of the organization	X	
	If "Yes" to line 15a or 15b, describe the process in Schedule O (see instructions).		
16a	Did the organization invest in, contribute assets to, or participate in a joint venture or similar arrangement with a taxable entity during the year?		X
b	If "Yes," did the organization follow a written policy or procedure requiring the organization to evaluate its participation in joint venture arrangements under applicable federal tax law, and take steps to safeguard the organization's exempt status with respect to such arrangements?		
16b			

Section C. Disclosure

- 17** List the states with which a copy of this Form 990 is required to be filed **FL**
- 18** Section 6104 requires an organization to make its Forms 1023 (or 1024 if applicable), 990, and 990-T (Section 501(c)(3)s only) available for public inspection. Indicate how you made these available. Check all that apply.
 Own website Another's website Upon request Other (explain in Schedule O)
- 19** Describe in Schedule O whether (and if so, how) the organization made its governing documents, conflict of interest policy, and financial statements available to the public during the tax year.
- 20** State the name, address, and telephone number of the person who possesses the organization's books and records: **DENA SMITH @ MOTE MARINE LABORATORY - 941-388-4441**
1600 KEN THOMPSON PARKWAY, SARASOTA, FL 34236

Part VII Compensation of Officers, Directors, Trustees, Key Employees, Highest Compensated Employees, and Independent Contractors

Check if Schedule O contains a response or note to any line in this Part VII

Section A. Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees

1a Complete this table for all persons required to be listed. Report compensation for the calendar year ending with or within the organization's tax year.

- List all of the organization's **current** officers, directors, trustees (whether individuals or organizations), regardless of amount of compensation. Enter -0- in columns (D), (E), and (F) if no compensation was paid.
- List all of the organization's **current** key employees, if any. See instructions for definition of "key employee."
- List the organization's five **current** highest compensated employees (other than an officer, director, trustee, or key employee) who received reportable compensation (Box 5 of Form W-2 and/or Box 7 of Form 1099-MISC) of more than \$100,000 from the organization and any related organizations.
- List all of the organization's **former** officers, key employees, and highest compensated employees who received more than \$100,000 of reportable compensation from the organization and any related organizations.
- List all of the organization's **former directors or trustees** that received, in the capacity as a former director or trustee of the organization, more than \$10,000 of reportable compensation from the organization and any related organizations.

List persons in the following order: individual trustees or directors; institutional trustees; officers; key employees; highest compensated employees; and former such persons.

Check this box if neither the organization nor any related organization compensated any current officer, director, or trustee.

(A) Name and Title	(B) Average hours per week (list any hours for related organizations below line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W-2/1099-MISC)	(E) Reportable compensation from related organizations (W-2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional trustee	Officer	Key employee	Highest compensated employee	Former			
(1) ALAN ROSE TRUSTEE	5.00	X						0.	0.	0.
(2) ARTHUR ARMITAGE CHAIRMAN EMERITUS	5.00	X						0.	0.	0.
(3) DEAN EISNER TRUSTEE	5.00	X						0.	0.	0.
(4) EDWARD H. JENNINGS TRUSTEE	5.00	X						0.	0.	0.
(5) FREDERICK M. DERR, P.E. CHAIRMAN EMERITUS	5.00	X						0.	0.	0.
(6) HOWARD SEIDER, JR., M.D. TRUSTEE	5.00	X						0.	0.	0.
(7) JAMES D. ERICSON TRUSTEE	5.00	X						0.	0.	0.
(8) JEANIE STEVENSON TRUSTEE	5.00	X						0.	0.	0.
(9) JOHN DART TRUSTEE	5.00	X						0.	0.	0.
(10) JUDY GRAHAM CHAIRMAN EMERITUS	5.00	X						0.	0.	0.
(11) KIRK MALCOLM TRUSTEE	5.00	X						0.	0.	0.
(12) MARY LOU JOHNSON TRUSTEE	5.00	X						0.	0.	0.
(13) MAURICE CUNNIFFE TRUSTEE	5.00	X						0.	0.	0.
(14) NIGEL MOULD TRUSTEE	5.00	X						0.	0.	0.
(15) PAUL CARREIRO TRUSTEE	5.00	X						0.	0.	0.
(16) PENELOPE KINGMAN TRUSTEE	5.00	X						0.	0.	0.
(17) RANDE RIDENOUR TRUSTEE	5.00	X						0.	0.	0.

Part VII Section A. Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees (continued)

(A) Name and title	(B) Average hours per week (list any hours for related organizations below line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W-2/1099-MISC)	(E) Reportable compensation from related organizations (W-2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional trustee	Officer	Key employee	Highest compensated employee	Former			
(18) RICHARD O. DONEGAN TRUSTEE	5.00	X						0.	0.	0.
(19) ROBERT CARTER CHAIRMAN EMERITUS	5.00	X						0.	0.	0.
(20) GENE BECKSTEIN CHAIRMAN EMERITUS	5.00	X						0.	0.	0.
(21) RONALD CIARAVELLA TRUSTEE	5.00	X						0.	0.	0.
(22) SCOTT COLLINS TRUSTEE	5.00	X						0.	0.	0.
(23) SUSAN C. GILMORE TRUSTEE	5.00	X						0.	0.	0.
(24) TRUDO LETSCHERT TRUSTEE	5.00	X						0.	0.	0.
(25) G. LOWE MORRISON CHAIRMAN	5.00	X		X				0.	0.	0.
(26) ROBERT ESSNER VICE CHAIRMAN	5.00	X		X				0.	0.	0.
1b Sub-total								0.	0.	0.
c Total from continuation sheets to Part VII, Section A								1,072,667.	5,500.	180,509.
d Total (add lines 1b and 1c)								1,072,667.	5,500.	180,509.

2 Total number of individuals (including but not limited to those listed above) who received more than \$100,000 of reportable compensation from the organization **15**

	Yes	No
3 Did the organization list any former officer, director, or trustee, key employee, or highest compensated employee on line 1a? If "Yes," complete Schedule J for such individual		X
4 For any individual listed on line 1a, is the sum of reportable compensation and other compensation from the organization and related organizations greater than \$150,000? If "Yes," complete Schedule J for such individual	X	
5 Did any person listed on line 1a receive or accrue compensation from any unrelated organization or individual for services rendered to the organization? If "Yes," complete Schedule J for such person		X

Section B. Independent Contractors

1 Complete this table for your five highest compensated independent contractors that received more than \$100,000 of compensation from the organization. Report compensation for the calendar year ending with or within the organization's tax year.

(A) Name and business address	(B) Description of services	(C) Compensation
SARASOTA BAY EXPLORERS 1923 LINCOLN DRIVE, SARASOTA, FL 34236	ECO-TOURISM BOAT TOURS	568,523.
PARADISE ADVERTISING AND MARKETING, INC, 150 2ND AVE N., STE. 800, SAINT	MARKETING SERVICES	435,212.
WILLIS A. SMITH CONSTRUCTION, INC., 5001 LAKEWOOD RANCH BLVD N, SARASOTA, FL 34240	BUILDING CONTRACTOR	416,377.
MANCINI DINERS 4411 BEAUCHAMP COURT, SARASOTA, FL 34243	DINER AT MOTE AQUARIUM	381,265.
DEVELOPMENT GUILD/DDI, INC., 233 HARVARD STREET STE 107, BROOKLINE, MA 02446	CAMPAIGN CONSULTANT	237,524.

2 Total number of independent contractors (including but not limited to those listed above) who received more than \$100,000 of compensation from the organization **9**

SEE PART VII, SECTION A CONTINUATION SHEETS

Part VIII Statement of Revenue

Check if Schedule O contains a response or note to any line in this Part VIII

			(A)	(B)	(C)	(D)	
			Total revenue	Related or exempt function revenue	Unrelated business revenue	Revenue excluded from tax under sections 512 - 514	
Contributions, Gifts, Grants and Other Similar Amounts	1 a Federated campaigns	1a					
	b Membership dues	1b					
	c Fundraising events	1c	383,474.				
	d Related organizations	1d	1,190,137.				
	e Government grants (contributions)	1e					
	f All other contributions, gifts, grants, and similar amounts not included above	1f	11,104,688.				
	g Noncash contributions included in lines 1a-1f: \$		927,439.				
	h Total. Add lines 1a-1f		12,678,299.				
Program Service Revenue	2 a RESEARCH	Business Code	541700	6,394,998.	6,394,998.		
	b AQUARIUM		713990	3,769,746.	3,769,746.		
	c PROTECT OUR REEFS - LICENSE PLATE		900099	926,381.	926,381.		
	d MEMBERSHIPS		900099	866,191.	866,191.		
	e EDUCATION AND DISTANCE LEARNING		611710	575,974.	575,974.		
	f All other program service revenue		900099	736,886.	736,886.		
	g Total. Add lines 2a-2f			13,270,176.			
Other Revenue	3 Investment income (including dividends, interest, and other similar amounts)			32,583.		32,583.	
	4 Income from investment of tax-exempt bond proceeds						
	5 Royalties						
	6 a Gross rents	(i) Real	(ii) Personal				
		d Net rental income or (loss)					
	7 a Gross amount from sales of assets other than inventory	(i) Securities	(ii) Other				
				393,579.	44,081.		
		b Less: cost or other basis and sales expenses		394,664.	20,793.		
		c Gain or (loss)		-1,085.	23,288.		
	d Net gain or (loss)			22,203.		22,203.	
	8 a Gross income from fundraising events (not including \$ 383,474. of contributions reported on line 1c). See Part IV, line 18	a		146,885.			
		b Less: direct expenses	b	256,174.			
c Net income or (loss) from fundraising events				-109,289.		-109,289.	
9 a Gross income from gaming activities. See Part IV, line 19	a						
	b Less: direct expenses	b					
	c Net income or (loss) from gaming activities						
10 a Gross sales of inventory, less returns and allowances	a		1,025,140.				
	b Less: cost of goods sold	b	457,953.				
	c Net income or (loss) from sales of inventory			567,187.		567,187.	
Miscellaneous Revenue		Business Code					
11 a							
b							
c							
d All other revenue							
e Total. Add lines 11a-11d							
12 Total revenue. See instructions.			26,461,159.	13,270,176.	0.	512,684.	

Part IX Statement of Functional Expenses

Section 501(c)(3) and 501(c)(4) organizations must complete all columns. All other organizations must complete column (A).

Check if Schedule O contains a response or note to any line in this Part IX

Do not include amounts reported on lines 6b, 7b, 8b, 9b, and 10b of Part VIII.	(A) Total expenses	(B) Program service expenses	(C) Management and general expenses	(D) Fundraising expenses
1 Grants and other assistance to domestic organizations and domestic governments. See Part IV, line 21	87,790.	87,790.		
2 Grants and other assistance to domestic individuals. See Part IV, line 22	208,890.	208,890.		
3 Grants and other assistance to foreign organizations, foreign governments, and foreign individuals. See Part IV, lines 15 and 16				
4 Benefits paid to or for members				
5 Compensation of current officers, directors, trustees, and key employees	469,234.	135,529.	285,230.	48,475.
6 Compensation not included above, to disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B)				
7 Other salaries and wages	8,487,204.	6,789,521.	1,338,030.	359,653.
8 Pension plan accruals and contributions (include section 401(k) and 403(b) employer contributions)	497,997.	401,625.	67,599.	28,773.
9 Other employee benefits	677,698.	523,592.	116,595.	37,511.
10 Payroll taxes	670,012.	513,689.	119,522.	36,801.
11 Fees for services (non-employees):				
a Management				
b Legal	24,638.	11,649.	12,989.	
c Accounting	38,200.		38,200.	
d Lobbying	164,351.			164,351.
e Professional fundraising services. See Part IV, line 17				
f Investment management fees				
g Other. (If line 11g amount exceeds 10% of line 25, column (A) amount, list line 11g expenses on Sch O.)	1,697,058.	1,184,076.	91,195.	421,787.
12 Advertising and promotion	452,815.	338,559.	3,849.	110,407.
13 Office expenses	1,102,134.	958,383.	92,341.	51,410.
14 Information technology				
15 Royalties				
16 Occupancy	822,312.	565,108.	253,388.	3,816.
17 Travel	392,005.	357,439.	5,014.	29,552.
18 Payments of travel or entertainment expenses for any federal, state, or local public officials				
19 Conferences, conventions, and meetings	42,404.	38,716.	1,227.	2,461.
20 Interest	182,828.	139,529.	43,299.	
21 Payments to affiliates				
22 Depreciation, depletion, and amortization	2,326,820.	557,653.	1,769,167.	
23 Insurance	476,018.	259,208.	210,567.	6,243.
24 Other expenses. Itemize expenses not covered above. (List miscellaneous expenses in line 24e. If line 24e amount exceeds 10% of line 25, column (A) amount, list line 24e expenses on Schedule O.)				
a EQUIPMENT RENTAL & MAIN	1,287,603.	787,128.	468,209.	32,266.
b SUPPLIES	541,948.	538,674.	3,274.	
c INTERNAL RENTALS	0.	125,577.	-134,948.	9,371.
d OVERHEAD ALLOCATION	0.	2,477,536.	-2,477,536.	
e All other expenses	277,700.	237,553.	26,196.	13,951.
25 Total functional expenses. Add lines 1 through 24e	20,927,659.	17,237,424.	2,333,407.	1,356,828.
26 Joint costs. Complete this line only if the organization reported in column (B) joint costs from a combined educational campaign and fundraising solicitation.				

Check here if following SOP 98-2 (ASC 958-720)

Part X Balance Sheet

Check if Schedule O contains a response or note to any line in this Part X

		(A)		(B)	
		Beginning of year		End of year	
Assets	1 Cash - non-interest-bearing	1,957,406.	1	6,585,957.	
	2 Savings and temporary cash investments	2,553,984.	2	2,558,020.	
	3 Pledges and grants receivable, net	4,593,825.	3	4,450,342.	
	4 Accounts receivable, net		4		
	5 Loans and other receivables from current and former officers, directors, trustees, key employees, and highest compensated employees. Complete Part II of Schedule L		5		
	6 Loans and other receivables from other disqualified persons (as defined under section 4958(f)(1)), persons described in section 4958(c)(3)(B), and contributing employers and sponsoring organizations of section 501(c)(9) voluntary employees' beneficiary organizations (see instr). Complete Part II of Sch L		6		
	7 Notes and loans receivable, net	1,400,000.	7	1,300,000.	
	8 Inventories for sale or use	127,571.	8	128,640.	
	9 Prepaid expenses and deferred charges	77,996.	9	33,433.	
	10a Land, buildings, and equipment: cost or other basis. Complete Part VI of Schedule D	10a 58,867,462.			
	b Less: accumulated depreciation	10b 37,121,224.	22,447,344.	10c	21,746,238.
	11 Investments - publicly traded securities		11		
	12 Investments - other securities. See Part IV, line 11		12		
	13 Investments - program-related. See Part IV, line 11		13		
	14 Intangible assets		14		
	15 Other assets. See Part IV, line 11		16,945,790.	15	16,053,412.
16 Total assets. Add lines 1 through 15 (must equal line 34)		50,103,916.	16	52,856,042.	
Liabilities	17 Accounts payable and accrued expenses	1,059,617.	17	1,006,783.	
	18 Grants payable		18		
	19 Deferred revenue	7,538,194.	19	7,491,573.	
	20 Tax-exempt bond liabilities		20		
	21 Escrow or custodial account liability. Complete Part IV of Schedule D		21		
	22 Loans and other payables to current and former officers, directors, trustees, key employees, highest compensated employees, and disqualified persons. Complete Part II of Schedule L		22		
	23 Secured mortgages and notes payable to unrelated third parties	8,595,375.	23	7,387,017.	
	24 Unsecured notes and loans payable to unrelated third parties		24		
	25 Other liabilities (including federal income tax, payables to related third parties, and other liabilities not included on lines 17-24). Complete Part X of Schedule D	607,814.	25	610,278.	
	26 Total liabilities. Add lines 17 through 25		17,801,000.	26	16,495,651.
Net Assets or Fund Balances	Organizations that follow SFAS 117 (ASC 958), check here <input checked="" type="checkbox"/> and complete lines 27 through 29, and lines 33 and 34.				
	27 Unrestricted net assets	14,382,374.	27	16,231,252.	
	28 Temporarily restricted net assets	7,748,283.	28	9,763,008.	
	29 Permanently restricted net assets	10,172,259.	29	10,366,131.	
	Organizations that do not follow SFAS 117 (ASC 958), check here <input type="checkbox"/> and complete lines 30 through 34.				
	30 Capital stock or trust principal, or current funds		30		
	31 Paid-in or capital surplus, or land, building, or equipment fund		31		
	32 Retained earnings, endowment, accumulated income, or other funds		32		
33 Total net assets or fund balances		32,302,916.	33	36,360,391.	
34 Total liabilities and net assets/fund balances		50,103,916.	34	52,856,042.	

Part XI Reconciliation of Net Assets

Check if Schedule O contains a response or note to any line in this Part XI

1	Total revenue (must equal Part VIII, column (A), line 12)	1	26,461,159.
2	Total expenses (must equal Part IX, column (A), line 25)	2	20,927,659.
3	Revenue less expenses. Subtract line 2 from line 1	3	5,533,500.
4	Net assets or fund balances at beginning of year (must equal Part X, line 33, column (A))	4	32,302,916.
5	Net unrealized gains (losses) on investments	5	-1,276.
6	Donated services and use of facilities	6	
7	Investment expenses	7	
8	Prior period adjustments	8	
9	Other changes in net assets or fund balances (explain in Schedule O)	9	-1,474,749.
10	Net assets or fund balances at end of year. Combine lines 3 through 9 (must equal Part X, line 33, column (B))	10	36,360,391.

Part XII Financial Statements and Reporting

Check if Schedule O contains a response or note to any line in this Part XII

	Yes	No
1 Accounting method used to prepare the Form 990: <input type="checkbox"/> Cash <input checked="" type="checkbox"/> Accrual <input type="checkbox"/> Other		
If the organization changed its method of accounting from a prior year or checked "Other," explain in Schedule O.		
2a Were the organization's financial statements compiled or reviewed by an independent accountant?		X
If "Yes," check a box below to indicate whether the financial statements for the year were compiled or reviewed on a separate basis, consolidated basis, or both:		
<input type="checkbox"/> Separate basis <input type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separate basis		
b Were the organization's financial statements audited by an independent accountant?	X	
If "Yes," check a box below to indicate whether the financial statements for the year were audited on a separate basis, consolidated basis, or both:		
<input checked="" type="checkbox"/> Separate basis <input type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separate basis		
c If "Yes" to line 2a or 2b, does the organization have a committee that assumes responsibility for oversight of the audit, review, or compilation of its financial statements and selection of an independent accountant?	X	
If the organization changed either its oversight process or selection process during the tax year, explain in Schedule O.		
3a As a result of a federal award, was the organization required to undergo an audit or audits as set forth in the Single Audit Act and OMB Circular A-133?	X	
b If "Yes," did the organization undergo the required audit or audits? If the organization did not undergo the required audit or audits, explain why in Schedule O and describe any steps taken to undergo such audits	X	

Form 990 (2015)

Part II Support Schedule for Organizations Described in Sections 170(b)(1)(A)(iv) and 170(b)(1)(A)(vi)

(Complete only if you checked the box on line 5, 7, or 8 of Part I or if the organization failed to qualify under Part III. If the organization fails to qualify under the tests listed below, please complete Part III.)

Section A. Public Support

Calendar year (or fiscal year beginning in) ▶	(a) 2011	(b) 2012	(c) 2013	(d) 2014	(e) 2015	(f) Total
1 Gifts, grants, contributions, and membership fees received. (Do not include any "unusual grants.")	2,729,063.	3,007,908.	4,217,004.	4,826,927.	12,678,299.	27,459,201.
2 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
3 The value of services or facilities furnished by a governmental unit to the organization without charge						
4 Total. Add lines 1 through 3	2,729,063.	3,007,908.	4,217,004.	4,826,927.	12,678,299.	27,459,201.
5 The portion of total contributions by each person (other than a governmental unit or publicly supported organization) included on line 1 that exceeds 2% of the amount shown on line 11, column (f)						3,883,657.
6 Public support. Subtract line 5 from line 4.						23,575,544.

Section B. Total Support

Calendar year (or fiscal year beginning in) ▶	(a) 2011	(b) 2012	(c) 2013	(d) 2014	(e) 2015	(f) Total
7 Amounts from line 4	2,729,063.	3,007,908.	4,217,004.	4,826,927.	12,678,299.	27,459,201.
8 Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources	24,641.	38,376.	42,874.	55,103.	32,583.	193,577.
9 Net income from unrelated business activities, whether or not the business is regularly carried on						
10 Other income. Do not include gain or loss from the sale of capital assets (Explain in Part VI.)						
11 Total support. Add lines 7 through 10						27,652,778.
12 Gross receipts from related activities, etc. (see instructions)					12	78,742,380.
13 First five years. If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a section 501(c)(3) organization, check this box and stop here						<input type="checkbox"/>

Section C. Computation of Public Support Percentage

14 Public support percentage for 2015 (line 6, column (f) divided by line 11, column (f))	14	85.26 %
15 Public support percentage from 2014 Schedule A, Part II, line 14	15	90.86 %
16a 33 1/3% support test - 2015. If the organization did not check the box on line 13, and line 14 is 33 1/3% or more, check this box and stop here. The organization qualifies as a publicly supported organization		<input checked="" type="checkbox"/>
b 33 1/3% support test - 2014. If the organization did not check a box on line 13 or 16a, and line 15 is 33 1/3% or more, check this box and stop here. The organization qualifies as a publicly supported organization		<input type="checkbox"/>
17a 10% -facts-and-circumstances test - 2015. If the organization did not check a box on line 13, 16a, or 16b, and line 14 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and stop here. Explain in Part VI how the organization meets the "facts-and-circumstances" test. The organization qualifies as a publicly supported organization		<input type="checkbox"/>
b 10% -facts-and-circumstances test - 2014. If the organization did not check a box on line 13, 16a, 16b, or 17a, and line 15 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and stop here. Explain in Part VI how the organization meets the "facts-and-circumstances" test. The organization qualifies as a publicly supported organization		<input type="checkbox"/>
18 Private foundation. If the organization did not check a box on line 13, 16a, 16b, 17a, or 17b, check this box and see instructions		<input type="checkbox"/>

Part III Support Schedule for Organizations Described in Section 509(a)(2)

(Complete only if you checked the box on line 9 of Part I or if the organization failed to qualify under Part II. If the organization fails to qualify under the tests listed below, please complete Part II.)

Section A. Public Support

Calendar year (or fiscal year beginning in) ►	(a) 2011	(b) 2012	(c) 2013	(d) 2014	(e) 2015	(f) Total
1 Gifts, grants, contributions, and membership fees received. (Do not include any "unusual grants.")						
2 Gross receipts from admissions, merchandise sold or services performed, or facilities furnished in any activity that is related to the organization's tax-exempt purpose						
3 Gross receipts from activities that are not an unrelated trade or business under section 513						
4 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
5 The value of services or facilities furnished by a governmental unit to the organization without charge						
6 Total. Add lines 1 through 5						
7a Amounts included on lines 1, 2, and 3 received from disqualified persons						
b Amounts included on lines 2 and 3 received from other than disqualified persons that exceed the greater of \$5,000 or 1% of the amount on line 13 for the year						
c Add lines 7a and 7b						
8 Public support. (Subtract line 7c from line 6.)						

Section B. Total Support

Calendar year (or fiscal year beginning in) ►	(a) 2011	(b) 2012	(c) 2013	(d) 2014	(e) 2015	(f) Total
9 Amounts from line 6						
10a Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources						
b Unrelated business taxable income (less section 511 taxes) from businesses acquired after June 30, 1975						
c Add lines 10a and 10b						
11 Net income from unrelated business activities not included in line 10b, whether or not the business is regularly carried on						
12 Other income. Do not include gain or loss from the sale of capital assets (Explain in Part VI.)						
13 Total support. (Add lines 9, 10c, 11, and 12.)						

14 First five years. If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a section 501(c)(3) organization, check this box and **stop here**

Section C. Computation of Public Support Percentage

15 Public support percentage for 2015 (line 8, column (f) divided by line 13, column (f))	15	%
16 Public support percentage from 2014 Schedule A, Part III, line 15	16	%

Section D. Computation of Investment Income Percentage

17 Investment income percentage for 2015 (line 10c, column (f) divided by line 13, column (f))	17	%
18 Investment income percentage from 2014 Schedule A, Part III, line 17	18	%

19a 33 1/3% support tests - 2015. If the organization did not check the box on line 14, and line 15 is more than 33 1/3%, and line 17 is not more than 33 1/3%, check this box and **stop here**. The organization qualifies as a publicly supported organization

b 33 1/3% support tests - 2014. If the organization did not check a box on line 14 or line 19a, and line 16 is more than 33 1/3%, and line 18 is not more than 33 1/3%, check this box and **stop here**. The organization qualifies as a publicly supported organization

20 Private foundation. If the organization did not check a box on line 14, 19a, or 19b, check this box and see instructions

Part IV Supporting Organizations

(Complete only if you checked a box in line 11 on Part I. If you checked 11a of Part I, complete Sections A and B. If you checked 11b of Part I, complete Sections A and C. If you checked 11c of Part I, complete Sections A, D, and E. If you checked 11d of Part I, complete Sections A and D, and complete Part V.)

Section A. All Supporting Organizations

	Yes	No
1 Are all of the organization's supported organizations listed by name in the organization's governing documents? <i>If "No" describe in Part VI how the supported organizations are designated. If designated by class or purpose, describe the designation. If historic and continuing relationship, explain.</i>		
2 Did the organization have any supported organization that does not have an IRS determination of status under section 509(a)(1) or (2)? <i>If "Yes," explain in Part VI how the organization determined that the supported organization was described in section 509(a)(1) or (2).</i>		
3a Did the organization have a supported organization described in section 501(c)(4), (5), or (6)? <i>If "Yes," answer (b) and (c) below.</i>		
b Did the organization confirm that each supported organization qualified under section 501(c)(4), (5), or (6) and satisfied the public support tests under section 509(a)(2)? <i>If "Yes," describe in Part VI when and how the organization made the determination.</i>		
c Did the organization ensure that all support to such organizations was used exclusively for section 170(c)(2)(B) purposes? <i>If "Yes," explain in Part VI what controls the organization put in place to ensure such use.</i>		
4a Was any supported organization not organized in the United States ("foreign supported organization")? <i>If "Yes," and if you checked 11a or 11b in Part I, answer (b) and (c) below.</i>		
b Did the organization have ultimate control and discretion in deciding whether to make grants to the foreign supported organization? <i>If "Yes," describe in Part VI how the organization had such control and discretion despite being controlled or supervised by or in connection with its supported organizations.</i>		
c Did the organization support any foreign supported organization that does not have an IRS determination under sections 501(c)(3) and 509(a)(1) or (2)? <i>If "Yes," explain in Part VI what controls the organization used to ensure that all support to the foreign supported organization was used exclusively for section 170(c)(2)(B) purposes.</i>		
5a Did the organization add, substitute, or remove any supported organizations during the tax year? <i>If "Yes," answer (b) and (c) below (if applicable). Also, provide detail in Part VI, including (i) the names and EIN numbers of the supported organizations added, substituted, or removed; (ii) the reasons for each such action; (iii) the authority under the organization's organizing document authorizing such action; and (iv) how the action was accomplished (such as by amendment to the organizing document).</i>		
b Type I or Type II only. Was any added or substituted supported organization part of a class already designated in the organization's organizing document?		
c Substitutions only. Was the substitution the result of an event beyond the organization's control?		
6 Did the organization provide support (whether in the form of grants or the provision of services or facilities) to anyone other than (i) its supported organizations, (ii) individuals that are part of the charitable class benefited by one or more of its supported organizations, or (iii) other supporting organizations that also support or benefit one or more of the filing organization's supported organizations? <i>If "Yes," provide detail in Part VI.</i>		
7 Did the organization provide a grant, loan, compensation, or other similar payment to a substantial contributor (defined in section 4958(c)(3)(C)), a family member of a substantial contributor, or a 35% controlled entity with regard to a substantial contributor? <i>If "Yes," complete Part I of Schedule L (Form 990 or 990-EZ).</i>		
8 Did the organization make a loan to a disqualified person (as defined in section 4958) not described in line 7? <i>If "Yes," complete Part I of Schedule L (Form 990 or 990-EZ).</i>		
9a Was the organization controlled directly or indirectly at any time during the tax year by one or more disqualified persons as defined in section 4946 (other than foundation managers and organizations described in section 509(a)(1) or (2))? <i>If "Yes," provide detail in Part VI.</i>		
b Did one or more disqualified persons (as defined in line 9a) hold a controlling interest in any entity in which the supporting organization had an interest? <i>If "Yes," provide detail in Part VI.</i>		
c Did a disqualified person (as defined in line 9a) have an ownership interest in, or derive any personal benefit from, assets in which the supporting organization also had an interest? <i>If "Yes," provide detail in Part VI.</i>		
10a Was the organization subject to the excess business holdings rules of section 4943 because of section 4943(f) (regarding certain Type II supporting organizations, and all Type III non-functionally integrated supporting organizations)? <i>If "Yes," answer 10b below.</i>		
b Did the organization have any excess business holdings in the tax year? <i>(Use Schedule C, Form 4720, to determine whether the organization had excess business holdings.)</i>		

Part IV Supporting Organizations (continued)

	Yes	No
11 Has the organization accepted a gift or contribution from any of the following persons?		
a A person who directly or indirectly controls, either alone or together with persons described in (b) and (c) below, the governing body of a supported organization?		
b A family member of a person described in (a) above?		
c A 35% controlled entity of a person described in (a) or (b) above? If "Yes" to a, b, or c, provide detail in Part VI .		

Section B. Type I Supporting Organizations

	Yes	No
1 Did the directors, trustees, or membership of one or more supported organizations have the power to regularly appoint or elect at least a majority of the organization's directors or trustees at all times during the tax year? If "No," describe in Part VI how the supported organization(s) effectively operated, supervised, or controlled the organization's activities. If the organization had more than one supported organization, describe how the powers to appoint and/or remove directors or trustees were allocated among the supported organizations and what conditions or restrictions, if any, applied to such powers during the tax year.		
2 Did the organization operate for the benefit of any supported organization other than the supported organization(s) that operated, supervised, or controlled the supporting organization? If "Yes," explain in Part VI how providing such benefit carried out the purposes of the supported organization(s) that operated, supervised, or controlled the supporting organization.		

Section C. Type II Supporting Organizations

	Yes	No
1 Were a majority of the organization's directors or trustees during the tax year also a majority of the directors or trustees of each of the organization's supported organization(s)? If "No," describe in Part VI how control or management of the supporting organization was vested in the same persons that controlled or managed the supported organization(s).		

Section D. All Type III Supporting Organizations

	Yes	No
1 Did the organization provide to each of its supported organizations, by the last day of the fifth month of the organization's tax year, (i) a written notice describing the type and amount of support provided during the prior tax year, (ii) a copy of the Form 990 that was most recently filed as of the date of notification, and (iii) copies of the organization's governing documents in effect on the date of notification, to the extent not previously provided?		
2 Were any of the organization's officers, directors, or trustees either (i) appointed or elected by the supported organization(s) or (ii) serving on the governing body of a supported organization? If "No," explain in Part VI how the organization maintained a close and continuous working relationship with the supported organization(s).		
3 By reason of the relationship described in (2), did the organization's supported organizations have a significant voice in the organization's investment policies and in directing the use of the organization's income or assets at all times during the tax year? If "Yes," describe in Part VI the role the organization's supported organizations played in this regard.		

Section E. Type III Functionally-Integrated Supporting Organizations

1 Check the box next to the method that the organization used to satisfy the Integral Part Test during the year (see instructions):		
a <input type="checkbox"/> The organization satisfied the Activities Test. Complete line 2 below.		
b <input type="checkbox"/> The organization is the parent of each of its supported organizations. Complete line 3 below.		
c <input type="checkbox"/> The organization supported a governmental entity. Describe in Part VI how you supported a government entity (see instructions).		
2 Activities Test. Answer (a) and (b) below.		
a Did substantially all of the organization's activities during the tax year directly further the exempt purposes of the supported organization(s) to which the organization was responsive? If "Yes," then in Part VI identify those supported organizations and explain how these activities directly furthered their exempt purposes, how the organization was responsive to those supported organizations, and how the organization determined that these activities constituted substantially all of its activities.	Yes	No
b Did the activities described in (a) constitute activities that, but for the organization's involvement, one or more of the organization's supported organization(s) would have been engaged in? If "Yes," explain in Part VI the reasons for the organization's position that its supported organization(s) would have engaged in these activities but for the organization's involvement.		
3 Parent of Supported Organizations. Answer (a) and (b) below.		
a Did the organization have the power to regularly appoint or elect a majority of the officers, directors, or trustees of each of the supported organizations? Provide details in Part VI .		
b Did the organization exercise a substantial degree of direction over the policies, programs, and activities of each of its supported organizations? If "Yes," describe in Part VI the role played by the organization in this regard.		

Part V Type III Non-Functionally Integrated 509(a)(3) Supporting Organizations

1 Check here if the organization satisfied the Integral Part Test as a qualifying trust on Nov. 20, 1970. See instructions. All other Type III non-functionally integrated supporting organizations must complete Sections A through E.

Section A - Adjusted Net Income		(A) Prior Year	(B) Current Year (optional)
1	Net short-term capital gain	1	
2	Recoveries of prior-year distributions	2	
3	Other gross income (see instructions)	3	
4	Add lines 1 through 3	4	
5	Depreciation and depletion	5	
6	Portion of operating expenses paid or incurred for production or collection of gross income or for management, conservation, or maintenance of property held for production of income (see instructions)	6	
7	Other expenses (see instructions)	7	
8	Adjusted Net Income (subtract lines 5, 6 and 7 from line 4)	8	

Section B - Minimum Asset Amount		(A) Prior Year	(B) Current Year (optional)
1	Aggregate fair market value of all non-exempt-use assets (see instructions for short tax year or assets held for part of year):		
a	Average monthly value of securities	1a	
b	Average monthly cash balances	1b	
c	Fair market value of other non-exempt-use assets	1c	
d	Total (add lines 1a, 1b, and 1c)	1d	
e	Discount claimed for blockage or other factors (explain in detail in Part VI):		
2	Acquisition indebtedness applicable to non-exempt-use assets	2	
3	Subtract line 2 from line 1d	3	
4	Cash deemed held for exempt use. Enter 1-1/2% of line 3 (for greater amount, see instructions).	4	
5	Net value of non-exempt-use assets (subtract line 4 from line 3)	5	
6	Multiply line 5 by .035	6	
7	Recoveries of prior-year distributions	7	
8	Minimum Asset Amount (add line 7 to line 6)	8	

Section C - Distributable Amount			Current Year
1	Adjusted net income for prior year (from Section A, line 8, Column A)	1	
2	Enter 85% of line 1	2	
3	Minimum asset amount for prior year (from Section B, line 8, Column A)	3	
4	Enter greater of line 2 or line 3	4	
5	Income tax imposed in prior year	5	
6	Distributable Amount. Subtract line 5 from line 4, unless subject to emergency temporary reduction (see instructions)	6	
7	<input type="checkbox"/> Check here if the current year is the organization's first as a non-functionally-integrated Type III supporting organization (see instructions).		

Part V Type III Non-Functionally Integrated 509(a)(3) Supporting Organizations (continued)

Section D - Distributions	Current Year
1 Amounts paid to supported organizations to accomplish exempt purposes	
2 Amounts paid to perform activity that directly furthers exempt purposes of supported organizations, in excess of income from activity	
3 Administrative expenses paid to accomplish exempt purposes of supported organizations	
4 Amounts paid to acquire exempt-use assets	
5 Qualified set-aside amounts (prior IRS approval required)	
6 Other distributions (describe in Part VI). See instructions.	
7 Total annual distributions. Add lines 1 through 6.	
8 Distributions to attentive supported organizations to which the organization is responsive (provide details in Part VI). See instructions.	
9 Distributable amount for 2015 from Section C, line 6	
10 Line 8 amount divided by Line 9 amount	

Section E - Distribution Allocations (see instructions)	(i) Excess Distributions	(ii) Underdistributions Pre-2015	(iii) Distributable Amount for 2015
1 Distributable amount for 2015 from Section C, line 6			
2 Underdistributions, if any, for years prior to 2015 (reasonable cause required-see instructions)			
3 Excess distributions carryover, if any, to 2015:			
a			
b			
c			
d From 2013			
e From 2014			
f Total of lines 3a through e			
g Applied to underdistributions of prior years			
h Applied to 2015 distributable amount			
i Carryover from 2010 not applied (see instructions)			
j Remainder. Subtract lines 3g, 3h, and 3i from 3f.			
4 Distributions for 2015 from Section D, line 7: \$			
a Applied to underdistributions of prior years			
b Applied to 2015 distributable amount			
c Remainder. Subtract lines 4a and 4b from 4.			
5 Remaining underdistributions for years prior to 2015, if any. Subtract lines 3g and 4a from line 2 (if amount greater than zero, see instructions).			
6 Remaining underdistributions for 2015. Subtract lines 3h and 4b from line 1 (if amount greater than zero, see instructions).			
7 Excess distributions carryover to 2016. Add lines 3j and 4c.			
8 Breakdown of line 7:			
a			
b			
c Excess from 2013			
d Excess from 2014			
e Excess from 2015			

Schedule A (Form 990 or 990-EZ) 2015

Schedule B

(Form 990, 990-EZ, or 990-PF)

Department of the Treasury
Internal Revenue Service

Schedule of Contributors

▶ Attach to Form 990, Form 990-EZ, or Form 990-PF.
▶ Information about Schedule B (Form 990, 990-EZ, or 990-PF) and its instructions is at www.irs.gov/form990.

OMB No. 1545-0047

2015

Name of the organization

MOTE MARINE LABORATORY, INC.

Employer identification number

59-0756643

Organization type (check one):

Filers of:

Section:

Form 990 or 990-EZ

501(c)(3) (enter number) organization

4947(a)(1) nonexempt charitable trust **not** treated as a private foundation

527 political organization

Form 990-PF

501(c)(3) exempt private foundation

4947(a)(1) nonexempt charitable trust treated as a private foundation

501(c)(3) taxable private foundation

Check if your organization is covered by the **General Rule** or a **Special Rule**.

Note. Only a section 501(c)(7), (8), or (10) organization can check boxes for both the General Rule and a Special Rule. See instructions.

General Rule

For an organization filing Form 990, 990-EZ, or 990-PF that received, during the year, contributions totaling \$5,000 or more (in money or property) from any one contributor. Complete Parts I and II. See instructions for determining a contributor's total contributions.

Special Rules

For an organization described in section 501(c)(3) filing Form 990 or 990-EZ that met the 33 1/3% support test of the regulations under sections 509(a)(1) and 170(b)(1)(A)(vi), that checked Schedule A (Form 990 or 990-EZ), Part II, line 13, 16a, or 16b, and that received from any one contributor, during the year, total contributions of the greater of (1) \$5,000 or (2) 2% of the amount on (i) Form 990, Part VIII, line 1h, or (ii) Form 990-EZ, line 1. Complete Parts I and II.

For an organization described in section 501(c)(7), (8), or (10) filing Form 990 or 990-EZ that received from any one contributor, during the year, total contributions of more than \$1,000 *exclusively* for religious, charitable, scientific, literary, or educational purposes, or for the prevention of cruelty to children or animals. Complete Parts I, II, and III.

For an organization described in section 501(c)(7), (8), or (10) filing Form 990 or 990-EZ that received from any one contributor, during the year, contributions *exclusively* for religious, charitable, etc., purposes, but no such contributions totaled more than \$1,000. If this box is checked, enter here the total contributions that were received during the year for an *exclusively* religious, charitable, etc., purpose. Do not complete any of the parts unless the **General Rule** applies to this organization because it received *nonexclusively* religious, charitable, etc., contributions totaling \$5,000 or more during the year ▶ \$ _____

Caution. An organization that is not covered by the General Rule and/or the Special Rules does not file Schedule B (Form 990, 990-EZ, or 990-PF), but it **must** answer "No" on Part IV, line 2, of its Form 990; or check the box on line H of its Form 990-EZ or on its Form 990-PF, Part I, line 2, to certify that it does not meet the filing requirements of Schedule B (Form 990, 990-EZ, or 990-PF).

LHA For Paperwork Reduction Act Notice, see the Instructions for Form 990, 990-EZ, or 990-PF. Schedule B (Form 990, 990-EZ, or 990-PF) (2015)

Name of organization

Employer identification number

MOTE MARINE LABORATORY, INC.

59-0756643

Part I Contributors (see instructions). Use duplicate copies of Part I if additional space is needed.

(a) No.	(b) Name, address, and ZIP + 4	(c) Total contributions	(d) Type of contribution
1		\$ 210,892.	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input checked="" type="checkbox"/> (Complete Part II for noncash contributions.)
2		\$ 479,092.	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)
3		\$ 1,000,000.	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)
4		\$ 300,000.	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)
5		\$ 1,006,680.	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)
6		\$ 2,010,000.	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)

Name of organization MOTE MARINE LABORATORY, INC.	Employer identification number 59-0756643
-------------------------------------------------------------	-----------------------------------------------------

Part I Contributors (see instructions). Use duplicate copies of Part I if additional space is needed.

(a) No.	(b) Name, address, and ZIP + 4	(c) Total contributions	(d) Type of contribution
7	<hr/> <hr/> <hr/>	\$ <u>1,000,000.</u>	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)
	<hr/> <hr/> <hr/>	\$ _____	Person <input type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)
	<hr/> <hr/> <hr/>	\$ _____	Person <input type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)
	<hr/> <hr/> <hr/>	\$ _____	Person <input type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)
	<hr/> <hr/> <hr/>	\$ _____	Person <input type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)
	<hr/> <hr/> <hr/>	\$ _____	Person <input type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)
	<hr/> <hr/> <hr/>	\$ _____	Person <input type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)

Name of organization MOTE MARINE LABORATORY, INC.	Employer identification number 59-0756643
-------------------------------------------------------------	-----------------------------------------------------

Part II Noncash Property (see instructions). Use duplicate copies of Part II if additional space is needed.

(a) No. from Part I	(b) Description of noncash property given	(c) FMV (or estimate) (see instructions)	(d) Date received
1		\$ 210,892.	12/31/15
		\$ _____	_____
		\$ _____	_____
		\$ _____	_____
		\$ _____	_____
		\$ _____	_____
		\$ _____	_____

Name of organization MOTE MARINE LABORATORY, INC.	Employer identification number 59-0756643
-------------------------------------------------------------	-----------------------------------------------------

Part III Exclusively religious, charitable, etc., contributions to organizations described in section 501(c)(7), (8), or (10) that total more than \$1,000 for the year from any one contributor. Complete columns (a) through (e) and the following line entry. For organizations completing Part III, enter the total of exclusively religious, charitable, etc., contributions of \$1,000 or less for the year. (Enter this info. once.) ▶ \$ _____
Use duplicate copies of Part III if additional space is needed.

(a) No. from Part I	(b) Purpose of gift	(c) Use of gift	(d) Description of how gift is held
(e) Transfer of gift			
Transferee's name, address, and ZIP + 4		Relationship of transferor to transferee	
(e) Transfer of gift			
Transferee's name, address, and ZIP + 4		Relationship of transferor to transferee	
(e) Transfer of gift			
Transferee's name, address, and ZIP + 4		Relationship of transferor to transferee	
(e) Transfer of gift			
Transferee's name, address, and ZIP + 4		Relationship of transferor to transferee	
(e) Transfer of gift			
Transferee's name, address, and ZIP + 4		Relationship of transferor to transferee	

SCHEDULE C
(Form 990 or 990-EZ)

Political Campaign and Lobbying Activities

OMB No. 1545-0047

2015

Open to Public Inspection

Department of the Treasury
Internal Revenue Service

For Organizations Exempt From Income Tax Under section 501(c) and section 527

- ▶ **Complete if the organization is described below. ▶ Attach to Form 990 or Form 990-EZ.**
- ▶ **Information about Schedule C (Form 990 or 990-EZ) and its instructions is at www.irs.gov/form990.**

If the organization answered "Yes," on Form 990, Part IV, line 3, or Form 990-EZ, Part V, line 46 (Political Campaign Activities), then

- Section 501(c)(3) organizations: Complete Parts I-A and B. Do not complete Part I-C.
- Section 501(c) (other than section 501(c)(3)) organizations: Complete Parts I-A and C below. Do not complete Part I-B.
- Section 527 organizations: Complete Part I-A only.

If the organization answered "Yes," on Form 990, Part IV, line 4, or Form 990-EZ, Part VI, line 47 (Lobbying Activities), then

- Section 501(c)(3) organizations that have filed Form 5768 (election under section 501(h)): Complete Part II-A. Do not complete Part II-B.
- Section 501(c)(3) organizations that have NOT filed Form 5768 (election under section 501(h)): Complete Part II-B. Do not complete Part II-A.

If the organization answered "Yes," on Form 990, Part IV, line 5 (Proxy Tax) (see separate instructions) or Form 990-EZ, Part V, line 35c (Proxy Tax) (see separate instructions), then

- Section 501(c)(4), (5), or (6) organizations: Complete Part III.

Name of organization MOTE MARINE LABORATORY, INC.	Employer identification number 59-0756643
-------------------------------------------------------------	-----------------------------------------------------

Part I-A Complete if the organization is exempt under section 501(c) or is a section 527 organization.

- 1 Provide a description of the organization's direct and indirect political campaign activities in Part IV.
- 2 Political expenditures ▶ \$ _____
- 3 Volunteer hours _____

Part I-B Complete if the organization is exempt under section 501(c)(3).

- 1 Enter the amount of any excise tax incurred by the organization under section 4955 ▶ \$ _____
- 2 Enter the amount of any excise tax incurred by organization managers under section 4955 ▶ \$ _____
- 3 If the organization incurred a section 4955 tax, did it file Form 4720 for this year? Yes No
- 4a Was a correction made? Yes No
- b If "Yes," describe in Part IV.

Part I-C Complete if the organization is exempt under section 501(c), except section 501(c)(3).

- 1 Enter the amount directly expended by the filing organization for section 527 exempt function activities ▶ \$ _____
- 2 Enter the amount of the filing organization's funds contributed to other organizations for section 527 exempt function activities ▶ \$ _____
- 3 Total exempt function expenditures. Add lines 1 and 2. Enter here and on Form 1120-POL, line 17b ▶ \$ _____
- 4 Did the filing organization file **Form 1120-POL** for this year? Yes No
- 5 Enter the names, addresses and employer identification number (EIN) of all section 527 political organizations to which the filing organization made payments. For each organization listed, enter the amount paid from the filing organization's funds. Also enter the amount of political contributions received that were promptly and directly delivered to a separate political organization, such as a separate segregated fund or a political action committee (PAC). If additional space is needed, provide information in Part IV.

(a) Name	(b) Address	(c) EIN	(d) Amount paid from filing organization's funds. If none, enter -0-.	(e) Amount of political contributions received and promptly and directly delivered to a separate political organization. If none, enter -0-.

For Paperwork Reduction Act Notice, see the Instructions for Form 990 or 990-EZ. Schedule C (Form 990 or 990-EZ) 2015

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10-05-15

Part II-A Complete if the organization is exempt under section 501(c)(3) and filed Form 5768 (election under section 501(h)).

- A** Check if the filing organization belongs to an affiliated group (and list in Part IV each affiliated group member's name, address, EIN, expenses, and share of excess lobbying expenditures).
- B** Check if the filing organization checked box A and "limited control" provisions apply.

Limits on Lobbying Expenditures (The term "expenditures" means amounts paid or incurred.)		(a) Filing organization's totals	(b) Affiliated group totals												
1a	Total lobbying expenditures to influence public opinion (grass roots lobbying)														
b	Total lobbying expenditures to influence a legislative body (direct lobbying)	164,351.													
c	Total lobbying expenditures (add lines 1a and 1b)	164,351.													
d	Other exempt purpose expenditures	20,763,306.													
e	Total exempt purpose expenditures (add lines 1c and 1d)	20,927,657.													
f	Lobbying nontaxable amount. Enter the amount from the following table in both columns.	1,000,000.													
<table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 50%;">If the amount on line 1e, column (a) or (b) is:</th> <th style="width: 50%;">The lobbying nontaxable amount is:</th> </tr> </thead> <tbody> <tr> <td>Not over \$500,000</td> <td>20% of the amount on line 1e.</td> </tr> <tr> <td>Over \$500,000 but not over \$1,000,000</td> <td>\$100,000 plus 15% of the excess over \$500,000.</td> </tr> <tr> <td>Over \$1,000,000 but not over \$1,500,000</td> <td>\$175,000 plus 10% of the excess over \$1,000,000.</td> </tr> <tr> <td>Over \$1,500,000 but not over \$17,000,000</td> <td>\$225,000 plus 5% of the excess over \$1,500,000.</td> </tr> <tr> <td>Over \$17,000,000</td> <td>\$1,000,000.</td> </tr> </tbody> </table>		If the amount on line 1e, column (a) or (b) is:	The lobbying nontaxable amount is:	Not over \$500,000	20% of the amount on line 1e.	Over \$500,000 but not over \$1,000,000	\$100,000 plus 15% of the excess over \$500,000.	Over \$1,000,000 but not over \$1,500,000	\$175,000 plus 10% of the excess over \$1,000,000.	Over \$1,500,000 but not over \$17,000,000	\$225,000 plus 5% of the excess over \$1,500,000.	Over \$17,000,000	\$1,000,000.		
If the amount on line 1e, column (a) or (b) is:	The lobbying nontaxable amount is:														
Not over \$500,000	20% of the amount on line 1e.														
Over \$500,000 but not over \$1,000,000	\$100,000 plus 15% of the excess over \$500,000.														
Over \$1,000,000 but not over \$1,500,000	\$175,000 plus 10% of the excess over \$1,000,000.														
Over \$1,500,000 but not over \$17,000,000	\$225,000 plus 5% of the excess over \$1,500,000.														
Over \$17,000,000	\$1,000,000.														
g	Grassroots nontaxable amount (enter 25% of line 1f)	250,000.													
h	Subtract line 1g from line 1a. If zero or less, enter -0-	0.													
i	Subtract line 1f from line 1c. If zero or less, enter -0-	0.													
j	If there is an amount other than zero on either line 1h or line 1i, did the organization file Form 4720 reporting section 4911 tax for this year?		<input type="checkbox"/> Yes <input type="checkbox"/> No												

4-Year Averaging Period Under section 501(h)
(Some organizations that made a section 501(h) election do not have to complete all of the five columns below. See the separate instructions for lines 2a through 2f.)

Lobbying Expenditures During 4-Year Averaging Period					
Calendar year (or fiscal year beginning in)	(a) 2012	(b) 2013	(c) 2014	(d) 2015	(e) Total
2a Lobbying nontaxable amount	1,000,000.	1,000,000.	1,000,000.	1,000,000.	4,000,000.
b Lobbying ceiling amount (150% of line 2a, column(e))					6,000,000.
c Total lobbying expenditures	110,967.	133,687.	158,196.	164,351.	567,201.
d Grassroots nontaxable amount	250,000.	250,000.	250,000.	250,000.	1,000,000.
e Grassroots ceiling amount (150% of line 2d, column (e))					1,500,000.
f Grassroots lobbying expenditures					

Part II-B Complete if the organization is exempt under section 501(c)(3) and has NOT filed Form 5768 (election under section 501(h)).

For each "Yes," response on lines 1a through 1i below, provide in Part IV a detailed description of the lobbying activity.	(a)		(b)
	Yes	No	Amount
1 During the year, did the filing organization attempt to influence foreign, national, state or local legislation, including any attempt to influence public opinion on a legislative matter or referendum, through the use of:			
a Volunteers?			
b Paid staff or management (include compensation in expenses reported on lines 1c through 1i)? ..			
c Media advertisements?			
d Mailings to members, legislators, or the public?			
e Publications, or published or broadcast statements?			
f Grants to other organizations for lobbying purposes?			
g Direct contact with legislators, their staffs, government officials, or a legislative body?			
h Rallies, demonstrations, seminars, conventions, speeches, lectures, or any similar means?			
i Other activities?			
j Total. Add lines 1c through 1i			
2a Did the activities in line 1 cause the organization to be not described in section 501(c)(3)?			
b If "Yes," enter the amount of any tax incurred under section 4912			
c If "Yes," enter the amount of any tax incurred by organization managers under section 4912			
d If the filing organization incurred a section 4912 tax, did it file Form 4720 for this year?			

Part III-A Complete if the organization is exempt under section 501(c)(4), section 501(c)(5), or section 501(c)(6).

	Yes	No
1 Were substantially all (90% or more) dues received nondeductible by members?	1	
2 Did the organization make only in-house lobbying expenditures of \$2,000 or less?	2	
3 Did the organization agree to carry over lobbying and political expenditures from the prior year?	3	

Part III-B Complete if the organization is exempt under section 501(c)(4), section 501(c)(5), or section 501(c)(6) and if either (a) BOTH Part III-A, lines 1 and 2, are answered "No," OR (b) Part III-A, line 3, is answered "Yes."

1 Dues, assessments and similar amounts from members	1	
2 Section 162(e) nondeductible lobbying and political expenditures (do not include amounts of political expenses for which the section 527(f) tax was paid).		
a Current year	2a	
b Carryover from last year	2b	
c Total	2c	
3 Aggregate amount reported in section 6033(e)(1)(A) notices of nondeductible section 162(e) dues	3	
4 If notices were sent and the amount on line 2c exceeds the amount on line 3, what portion of the excess does the organization agree to carryover to the reasonable estimate of nondeductible lobbying and political expenditure next year?	4	
5 Taxable amount of lobbying and political expenditures (see instructions)	5	

Part IV Supplemental Information

Provide the descriptions required for Part I-A, line 1; Part I-B, line 4; Part I-C, line 5; Part II-A (affiliated group list); Part II-A, lines 1 and 2 (see instructions); and Part II-B, line 1. Also, complete this part for any additional information.

SCHEDULE D
(Form 990)

Department of the Treasury
Internal Revenue Service

Supplemental Financial Statements

▶ **Complete if the organization answered "Yes" on Form 990, Part IV, line 6, 7, 8, 9, 10, 11a, 11b, 11c, 11d, 11e, 11f, 12a, or 12b.**
▶ **Attach to Form 990.**

▶ **Information about Schedule D (Form 990) and its instructions is at www.irs.gov/form990.**

OMB No. 1545-0047

2015

Open to Public Inspection

Name of the organization MOTE MARINE LABORATORY, INC. **Employer identification number** 59-0756643

Part I Organizations Maintaining Donor Advised Funds or Other Similar Funds or Accounts. Complete if the organization answered "Yes" on Form 990, Part IV, line 6.

	(a) Donor advised funds	(b) Funds and other accounts
1 Total number at end of year		
2 Aggregate value of contributions to (during year)		
3 Aggregate value of grants from (during year)		
4 Aggregate value at end of year		
5 Did the organization inform all donors and donor advisors in writing that the assets held in donor advised funds are the organization's property, subject to the organization's exclusive legal control?		<input type="checkbox"/> Yes <input type="checkbox"/> No
6 Did the organization inform all grantees, donors, and donor advisors in writing that grant funds can be used only for charitable purposes and not for the benefit of the donor or donor advisor, or for any other purpose conferring impermissible private benefit?		<input type="checkbox"/> Yes <input type="checkbox"/> No

Part II Conservation Easements. Complete if the organization answered "Yes" on Form 990, Part IV, line 7.

1 Purpose(s) of conservation easements held by the organization (check all that apply).
 Preservation of land for public use (e.g., recreation or education) Preservation of a historically important land area
 Protection of natural habitat Preservation of a certified historic structure
 Preservation of open space

2 Complete lines 2a through 2d if the organization held a qualified conservation contribution in the form of a conservation easement on the last day of the tax year.

	Held at the End of the Tax Year
a Total number of conservation easements	2a
b Total acreage restricted by conservation easements	2b
c Number of conservation easements on a certified historic structure included in (a)	2c
d Number of conservation easements included in (c) acquired after 8/17/06, and not on a historic structure listed in the National Register	2d

3 Number of conservation easements modified, transferred, released, extinguished, or terminated by the organization during the tax year ▶ _____

4 Number of states where property subject to conservation easement is located ▶ _____

5 Does the organization have a written policy regarding the periodic monitoring, inspection, handling of violations, and enforcement of the conservation easements it holds?

6 Staff and volunteer hours devoted to monitoring, inspecting, handling of violations, and enforcing conservation easements during the year ▶ _____

7 Amount of expenses incurred in monitoring, inspecting, handling of violations, and enforcing conservation easements during the year ▶ \$ _____

8 Does each conservation easement reported on line 2(d) above satisfy the requirements of section 170(h)(4)(B)(i) and section 170(h)(4)(B)(ii)?

9 In Part XIII, describe how the organization reports conservation easements in its revenue and expense statement, and balance sheet, and include, if applicable, the text of the footnote to the organization's financial statements that describes the organization's accounting for conservation easements.

Part III Organizations Maintaining Collections of Art, Historical Treasures, or Other Similar Assets.

Complete if the organization answered "Yes" on Form 990, Part IV, line 8.

1a If the organization elected, as permitted under SFAS 116 (ASC 958), not to report in its revenue statement and balance sheet works of art, historical treasures, or other similar assets held for public exhibition, education, or research in furtherance of public service, provide, in Part XIII, the text of the footnote to its financial statements that describes these items.

b If the organization elected, as permitted under SFAS 116 (ASC 958), to report in its revenue statement and balance sheet works of art, historical treasures, or other similar assets held for public exhibition, education, or research in furtherance of public service, provide the following amounts relating to these items:

(i) Revenue included on Form 990, Part VIII, line 1

(ii) Assets included in Form 990, Part X

2 If the organization received or held works of art, historical treasures, or other similar assets for financial gain, provide the following amounts required to be reported under SFAS 116 (ASC 958) relating to these items:

a Revenue included on Form 990, Part VIII, line 1

b Assets included in Form 990, Part X

LHA For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule D (Form 990) 2015

532051
11-02-15

Part III Organizations Maintaining Collections of Art, Historical Treasures, or Other Similar Assets (continued)

3 Using the organization's acquisition, accession, and other records, check any of the following that are a significant use of its collection items (check all that apply):

- a Public exhibition
- b Scholarly research
- c Preservation for future generations
- d Loan or exchange programs
- e Other _____

4 Provide a description of the organization's collections and explain how they further the organization's exempt purpose in Part XIII.

5 During the year, did the organization solicit or receive donations of art, historical treasures, or other similar assets to be sold to raise funds rather than to be maintained as part of the organization's collection? Yes No

Part IV Escrow and Custodial Arrangements. Complete if the organization answered "Yes" on Form 990, Part IV, line 9, or reported an amount on Form 990, Part X, line 21.

1a Is the organization an agent, trustee, custodian or other intermediary for contributions or other assets not included on Form 990, Part X? Yes No

b If "Yes," explain the arrangement in Part XIII and complete the following table:

	Amount
c Beginning balance	1c
d Additions during the year	1d
e Distributions during the year	1e
f Ending balance	1f

2a Did the organization include an amount on Form 990, Part X, line 21, for escrow or custodial account liability? Yes No

b If "Yes," explain the arrangement in Part XIII. Check here if the explanation has been provided on Part XIII

Part V Endowment Funds. Complete if the organization answered "Yes" on Form 990, Part IV, line 10.

	(a) Current year	(b) Prior year	(c) Two years back	(d) Three years back	(e) Four years back
1a Beginning of year balance	618,670.	618,040.	615,933.	614,327.	614,696.
b Contributions					
c Net investment earnings, gains, and losses	418.	2,655.	-4,109.	6,395.	5,879.
d Grants or scholarships					
e Other expenditures for facilities and programs	1,268.	2,025.	6,216.	4,789.	6,248.
f Administrative expenses					
g End of year balance	617,820.	618,670.	618,040.	615,933.	614,327.

2 Provide the estimated percentage of the current year end balance (line 1g, column (a)) held as:

- a Board designated or quasi-endowment _____ %
- b Permanent endowment 99.07 %
- c Temporarily restricted endowment .93 %

The percentages on lines 2a, 2b, and 2c should equal 100%.

3a Are there endowment funds not in the possession of the organization that are held and administered for the organization by:

	Yes	No
(i) unrelated organizations		<input checked="" type="checkbox"/>
(ii) related organizations		<input checked="" type="checkbox"/>
b If "Yes" on line 3a(ii), are the related organizations listed as required on Schedule R?	<input type="checkbox"/>	<input type="checkbox"/>

4 Describe in Part XIII the intended uses of the organization's endowment funds.

Part VI Land, Buildings, and Equipment.

Complete if the organization answered "Yes" on Form 990, Part IV, line 11a. See Form 990, Part X, line 10.

Description of property	(a) Cost or other basis (investment)	(b) Cost or other basis (other)	(c) Accumulated depreciation	(d) Book value
1a Land		7,498,190.		7,498,190.
b Buildings		34,088,485.	22,527,860.	11,560,625.
c Leasehold improvements				
d Equipment		14,560,395.	12,541,135.	2,019,260.
e Other		2,720,392.	2,052,229.	668,163.
Total. Add lines 1a through 1e. (Column (d) must equal Form 990, Part X, column (B), line 10c.)				21,746,238.

Part VII Investments - Other Securities.

Complete if the organization answered "Yes" on Form 990, Part IV, line 11b. See Form 990, Part X, line 12.

(a) Description of security or category (including name of security)	(b) Book value	(c) Method of valuation: Cost or end-of-year market value
(1) Financial derivatives		
(2) Closely-held equity interests		
(3) Other		
(A)		
(B)		
(C)		
(D)		
(E)		
(F)		
(G)		
(H)		
Total. (Col. (b) must equal Form 990, Part X, col. (B) line 12.) ▶		

Part VIII Investments - Program Related.

Complete if the organization answered "Yes" on Form 990, Part IV, line 11c. See Form 990, Part X, line 13.

(a) Description of investment	(b) Book value	(c) Method of valuation: Cost or end-of-year market value
(1)		
(2)		
(3)		
(4)		
(5)		
(6)		
(7)		
(8)		
(9)		
Total. (Col. (b) must equal Form 990, Part X, col. (B) line 13.) ▶		

Part IX Other Assets.

Complete if the organization answered "Yes" on Form 990, Part IV, line 11d. See Form 990, Part X, line 15.

(a) Description	(b) Book value
(1) BENEFICIAL INTEREST IN MOTE MARINE FOUNDATION, INC.	14,468,605.
(2) DUE FROM MOTE MARINE FOUNDATION	326,769.
(3) DONATED ASSETS HELD FOR SALE	103,105.
(4) PATENTS	96,254.
(5) CONSTRUCTION IN PROGRESS	448,401.
(6) INVESTMENT IN DEFERRED COMPENSATION PLAN	610,278.
(7)	
(8)	
(9)	
Total. (Column (b) must equal Form 990, Part X, col. (B) line 15.) ▶	16,053,412.

Part X Other Liabilities.

Complete if the organization answered "Yes" on Form 990, Part IV, line 11e or 11f. See Form 990, Part X, line 25.

1. (a) Description of liability	(b) Book value
(1) Federal income taxes	
(2) DEFERRED COMPENSATION PAYABLE	610,278.
(3)	
(4)	
(5)	
(6)	
(7)	
(8)	
(9)	
Total. (Column (b) must equal Form 990, Part X, col. (B) line 25.) ▶	610,278.

2. Liability for uncertain tax positions. In Part XIII, provide the text of the footnote to the organization's financial statements that reports the organization's liability for uncertain tax positions under FIN 48 (ASC 740). Check here if the text of the footnote has been provided in Part XIII

Part XI Reconciliation of Revenue per Audited Financial Statements With Revenue per Return.

Complete if the organization answered "Yes" on Form 990, Part IV, line 12a.

1	Total revenue, gains, and other support per audited financial statements		1	25,703,759.
2	Amounts included on line 1 but not on Form 990, Part VIII, line 12:			
a	Net unrealized gains (losses) on investments	2a	-1,276.	
b	Donated services and use of facilities	2b	4,500.	
c	Recoveries of prior year grants	2c		
d	Other (Describe in Part XIII.)	2d	-1,474,751.	
e	Add lines 2a through 2d	2e	-1,471,527.	
3	Subtract line 2e from line 1	3	27,175,286.	
4	Amounts included on Form 990, Part VIII, line 12, but not on line 1:			
a	Investment expenses not included on Form 990, Part VIII, line 7b	4a		
b	Other (Describe in Part XIII.)	4b	-714,127.	
c	Add lines 4a and 4b	4c	-714,127.	
5	Total revenue. Add lines 3 and 4c. (This must equal Form 990, Part I, line 12.)	5	26,461,159.	

Part XII Reconciliation of Expenses per Audited Financial Statements With Expenses per Return.

Complete if the organization answered "Yes" on Form 990, Part IV, line 12a.

1	Total expenses and losses per audited financial statements		1	21,646,284.
2	Amounts included on line 1 but not on Form 990, Part IX, line 25:			
a	Donated services and use of facilities	2a	4,500.	
b	Prior year adjustments	2b		
c	Other losses	2c		
d	Other (Describe in Part XIII.)	2d	714,125.	
e	Add lines 2a through 2d	2e	718,625.	
3	Subtract line 2e from line 1	3	20,927,659.	
4	Amounts included on Form 990, Part IX, line 25, but not on line 1:			
a	Investment expenses not included on Form 990, Part VIII, line 7b	4a		
b	Other (Describe in Part XIII.)	4b		
c	Add lines 4a and 4b	4c	0.	
5	Total expenses. Add lines 3 and 4c. (This must equal Form 990, Part I, line 18.)	5	20,927,659.	

Part XIII Supplemental Information.

Provide the descriptions required for Part II, lines 3, 5, and 9; Part III, lines 1a and 4; Part IV, lines 1b and 2b; Part V, line 4; Part X, line 2; Part XI, lines 2d and 4b; and Part XII, lines 2d and 4b. Also complete this part to provide any additional information.

PART V, LINE 4:

ALL ENDOWMENT FUNDS ARE HELD IN PERPETUITY WITH THE INCOME USED AS FOLLOWS
 1-THE CULTURAL ENDOWMENT FUND INCOME IS USED TO SUPPORT OPERATIONS FOR THE
 AQUARIUM 2- THE KEYS ADVISORY BOARD ENDOWMENT FUND INCOME IS USED TO
 SUPPORT PROGRAM ACTIVITIES AT THE KEYS FACILITY.

PART X, LINE 2:

UNDER THE INCOME TAXES TOPIC OF THE FASB ACCOUNTING STANDARDS
 CODIFICATION, THE LABORATORY HAS REVIEWED AND EVALUATED THE RELEVANT
 TECHNICAL MERITS OF EACH OF ITS TAX POSITIONS IN ACCORDANCE WITH
 ACCOUNTING PRINCIPLES GENERALLY ACCEPTED IN THE UNITED STATES OF AMERICA
 FOR ACCOUNTING FOR UNCERTAINTY IN INCOME TAXES, AND DETERMINED THAT THERE

Part XIII Supplemental Information (continued)

ARE NO UNCERTAIN TAX POSITIONS THAT WOULD HAVE A MATERIAL IMPACT ON THE FINANCIAL STATEMENTS OF THE LABORATORY.

PART XI, LINE 2D - OTHER ADJUSTMENTS:

CHANGE IN NET ASSETS OF MOTE MARINE FOUNDATION, INC. -1,474,751.

PART XI, LINE 4B - OTHER ADJUSTMENTS:

COST OF GOODS SOLD NETTED WITH SALES INCLUDED IN PART VIII FORM 990 -457,953. SPECIAL EVENTS EXPENSES INCLUDED IN PART VIII FORM 990 -256,174. TOTAL TO SCHEDULE D, PART XI, LINE 4B -714,127.

PART XII, LINE 2D - OTHER ADJUSTMENTS:

COST OF GOODS SOLD NETTED WITH SALES INCLUDED IN PART VIII FORM 990 457,953. SPECIAL EVENTS EXPENSES INCLUDED IN PART VIII FORM 990 256,174. ROUNDING -2. TOTAL TO SCHEDULE D, PART XII, LINE 2D 714,125.

Part II Fundraising Events. Complete if the organization answered "Yes" on Form 990, Part IV, line 18, or reported more than \$15,000 of fundraising event contributions and gross income on Form 990-EZ, lines 1 and 6b. List events with gross receipts greater than \$5,000.

		(a) Event #1	(b) Event #2	(c) Other events	(d) Total events (add col. (a) through col. (c))	
		OCEANIC EVENING	RUN FOR THE TURTLES	2		
		(event type)	(event type)	(total number)		
Revenue	1	Gross receipts	352,639.	87,775.	89,945.	530,359.
	2	Less: Contributions	268,449.	51,231.	63,794.	383,474.
	3	Gross income (line 1 minus line 2)	84,190.	36,544.	26,151.	146,885.
Direct Expenses	4	Cash prizes				
	5	Noncash prizes				
	6	Rent/facility costs				
	7	Food and beverages	113,712.		24,718.	138,430.
	8	Entertainment	26,970.			26,970.
	9	Other direct expenses	40,685.	33,105.	16,984.	90,774.
	10	Direct expense summary. Add lines 4 through 9 in column (d)				256,174.
	11	Net income summary. Subtract line 10 from line 3, column (d)				-109,289.

Part III Gaming. Complete if the organization answered "Yes" on Form 990, Part IV, line 19, or reported more than \$15,000 on Form 990-EZ, line 6a.

		(a) Bingo	(b) Pull tabs/instant bingo/progressive bingo	(c) Other gaming	(d) Total gaming (add col. (a) through col. (c))
Revenue	1	Gross revenue			
Direct Expenses	2	Cash prizes			
	3	Noncash prizes			
	4	Rent/facility costs			
	5	Other direct expenses			
	6	Volunteer labor	<input type="checkbox"/> Yes _____ % <input type="checkbox"/> No	<input type="checkbox"/> Yes _____ % <input type="checkbox"/> No	<input type="checkbox"/> Yes _____ % <input type="checkbox"/> No
	7	Direct expense summary. Add lines 2 through 5 in column (d)			
	8	Net gaming income summary. Subtract line 7 from line 1, column (d)			

9 Enter the state(s) in which the organization conducts gaming activities: _____
 a Is the organization licensed to conduct gaming activities in each of these states? Yes No
 b If "No," explain: _____

10a Were any of the organization's gaming licenses revoked, suspended or terminated during the tax year? Yes No
 b If "Yes," explain: _____

**SCHEDULE I
(Form 990)**

Department of the Treasury
Internal Revenue Service

**Grants and Other Assistance to Organizations,
Governments, and Individuals in the United States**

Complete if the organization answered "Yes" on Form 990, Part IV, line 21 or 22.

▶ Attach to Form 990.

▶ Information about Schedule I (Form 990) and its instructions is at www.irs.gov/form990.

OMB No. 1545-0047

2015

Open to Public
Inspection

Name of the organization **MOTE MARINE LABORATORY, INC.** Employer identification number **59-0756643**

Part I General Information on Grants and Assistance

1 Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? Yes No

2 Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States.

Part II Grants and Other Assistance to Domestic Organizations and Domestic Governments. Complete if the organization answered "Yes" on Form 990, Part IV, line 21, for any recipient that received more than \$5,000. Part II can be duplicated if additional space is needed.

1 (a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
SMITHSONIAN INSTITUTION PO BOX 37012, MRC 1205 WASHINGTON, DC 20013	53-0206027	501(C)(3)	14,998.	0.			PROTECT OUR REEFS GRANT
UNIVERSITY OF MIAMI 4600 RICKENBACKER CAUSEWAY MIAMI, FL 33149	59-0624458	501(C)(3)	23,539.	0.			PROTECT OUR REEFS GRANT
NOVA UNIVERSITY 3301 COLLEGE AVENUE FT. LAUDERDALE, FL 33314	59-1083502	501(C)(3)	6,128.	0.			PROTECT OUR REEFS GRANT
UNIVERSITY OF NORTH FLORIDA 1 UNF DRIVE JACKSONVILLE, FL 32224	59-2976169	THE STATE OF FLORIDA	9,795.	0.			PROTECT OUR REEFS GRANT
FLORIDA INSTITUTE OF TECHNOLOGY 150 W UNIVERSITY BLVD MELBOURNE, FL 32901	59-6046500	501(C)(3)	6,000.	0.			PROTECT OUR REEFS GRANT
REEF RELIEF PO BOX 430 KEY WEST, FL 33041	59-2696402	501(C)(3)	9,875.	0.			PROTECT OUR REEFS GRANT

2 Enter total number of section 501(c)(3) and government organizations listed in the line 1 table **9.**

3 Enter total number of other organizations listed in the line 1 table **0.**

LHA For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule I (Form 990) (2015)

Part III Grants and Other Assistance to Domestic Individuals. Complete if the organization answered "Yes" on Form 990, Part IV, line 22.
Part III can be duplicated if additional space is needed.

(a) Type of grant or assistance	(b) Number of recipients	(c) Amount of cash grant	(d) Amount of non-cash assistance	(e) Method of valuation (book, FMV, appraisal, other)	(f) Description of non-cash assistance
SCHOLARSHIPS	49	52,900.	0.		
STIPENDS	40	155,990.	0.		

Part IV Supplemental Information. Provide the information required in Part I, line 2, Part III, column (b), and any other additional information.

PART I, LINE 2:

GRANTS ARE AWARDED TO ELIGIBLE ORGANIZATIONS THROUGH MOTE MARINE LABORATORY'S PROTECT OUR REEFS PROGRAM USING FUNDS COLLECTED FROM REEF LICENSE PLATE SALES. THE FINAL DECISION AS TO WHICH PROPOSALS WILL BE FUNDED AND UNDER WHAT CONDITIONS WILL BE MADE BY MICHAEL CROSBY, PH.D., THE PRESIDENT AND CHIEF EXECUTIVE OFFICER OF MOTE. TO ASSIST HIM, DR. CROSBY HAS ASSEMBLED A GRANTS ADVISORY COMMITTEE OF EIGHT INDIVIDUALS WITH BROAD AND DIVERSE BACKGROUNDS IN CORAL REEF RESEARCH, EDUCATION, CONSERVATION AND MANAGEMENT. THE COMMITTEE EVALUATES AND RANKS EACH OF THE PROPOSALS

Part IV Supplemental Information

SUBMITTED. OUTSIDE EXPERTS ARE ALSO CONSULTED TO PEER REVIEW THE PROPOSALS AS NECESSARY. THE COMMITTEE MAKES RECOMMENDATIONS TO DR. CROSBY AS TO WHICH PROPOSALS SHOULD BE SELECTED AND IN WHAT AMOUNTS.

A LIMITED NUMBER OF SCHOLARSHIP GRANTS ARE AWARDED TO INDIVIDUALS EACH YEAR. THE SCHOLARSHIP AWARD RANGES FROM \$500 TO \$2,000 FOR A TWO TO THREE MONTH INTERNSHIP. A SCHOLARSHIP COMMITTEE AWARDS SCHOLARSHIPS BASED ON PROGRAM NEED AND STUDENT'S FINANCIAL NEED, ACADEMIC MERIT AND RECOMMENDATIONS.

STIPENDS ARE AWARDED TO PARTICIPANTS IN SEVERAL RESEARCH EXPERIENCE FOR UNDERGRADUATES (REU) PROGRAMS AT MOTE MARINE LABORATORY. THE FUNDING AGENCY DETERMINES THE APPLICATION CRITERIA, BUT USUALLY THE STUDENTS ARE SELECTED IF THEY HAVE NOT HAD ANY PREVIOUS RESEARCH EXPERIENCE AND MEET OTHER SPECIFIC CRITERIA SUCH AS UNDERSERVED, UNDERREPRESENTED STUDENTS OR ALUMNI AT A SPECIFIC UNIVERSITY. THE STIPENDS CAN RANGE FROM \$500 TO \$5,250 DEPENDING ON GRANT AND LENGTH OF INTERNSHIP.

**SCHEDULE J
(Form 990)**

Compensation Information

OMB No. 1545-0047

2015

Open to Public Inspection

For certain Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees

▶ Complete if the organization answered "Yes" on Form 990, Part IV, line 23.

▶ Attach to Form 990.

▶ Information about Schedule J (Form 990) and its instructions is at www.irs.gov/form990.

Department of the Treasury
Internal Revenue Service

Name of the organization
MOTE MARINE LABORATORY, INC.

Employer identification number
59-0756643

Part I Questions Regarding Compensation

1a Check the appropriate box(es) if the organization provided any of the following to or for a person listed on Form 990, Part VII, Section A, line 1a. Complete Part III to provide any relevant information regarding these items.

- | | |
|--------------------------------------------------------------------|--------------------------------------------------------------------------|
| <input type="checkbox"/> First-class or charter travel | <input type="checkbox"/> Housing allowance or residence for personal use |
| <input type="checkbox"/> Travel for companions | <input type="checkbox"/> Payments for business use of personal residence |
| <input type="checkbox"/> Tax indemnification and gross-up payments | <input type="checkbox"/> Health or social club dues or initiation fees |
| <input type="checkbox"/> Discretionary spending account | <input type="checkbox"/> Personal services (e.g., maid, chauffeur, chef) |

b If any of the boxes on line 1a are checked, did the organization follow a written policy regarding payment or reimbursement or provision of all of the expenses described above? If "No," complete Part III to explain

2 Did the organization require substantiation prior to reimbursing or allowing expenses incurred by all directors, trustees, and officers, including the CEO/Executive Director, regarding the items checked in line 1a?

3 Indicate which, if any, of the following the filing organization used to establish the compensation of the organization's CEO/Executive Director. Check all that apply. Do not check any boxes for methods used by a related organization to establish compensation of the CEO/Executive Director, but explain in Part III.

- | | |
|---------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Compensation committee | <input checked="" type="checkbox"/> Written employment contract |
| <input type="checkbox"/> Independent compensation consultant | <input checked="" type="checkbox"/> Compensation survey or study |
| <input checked="" type="checkbox"/> Form 990 of other organizations | <input checked="" type="checkbox"/> Approval by the board or compensation committee |

4 During the year, did any person listed on Form 990, Part VII, Section A, line 1a, with respect to the filing organization or a related organization:

- a** Receive a severance payment or change-of-control payment?
- b** Participate in, or receive payment from, a supplemental nonqualified retirement plan?
- c** Participate in, or receive payment from, an equity-based compensation arrangement?
- If "Yes" to any of lines 4a-c, list the persons and provide the applicable amounts for each item in Part III.

Only section 501(c)(3), 501(c)(4), and 501(c)(29) organizations must complete lines 5-9.

5 For persons listed on Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the revenues of:

- a** The organization?
- b** Any related organization?
- If "Yes" to line 5a or 5b, describe in Part III.

6 For persons listed on Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the net earnings of:

- a** The organization?
- b** Any related organization?
- If "Yes" on line 6a or 6b, describe in Part III.

7 For persons listed on Form 990, Part VII, Section A, line 1a, did the organization provide any non-fixed payments not described on lines 5 and 6? If "Yes," describe in Part III

8 Were any amounts reported on Form 990, Part VII, paid or accrued pursuant to a contract that was subject to the initial contract exception described in Regulations section 53.4958-4(a)(3)? If "Yes," describe in Part III

9 If "Yes" to line 8, did the organization also follow the rebuttable presumption procedure described in Regulations section 53.4958-6(c)?

	Yes	No
1b		
2		
4a		X
4b		X
4c		X
5a		X
5b		X
6a		X
6b		X
7		X
8		X
9		

LHA For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule J (Form 990) 2015

Part II Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees. Use duplicate copies if additional space is needed.

For each individual whose compensation must be reported on Schedule J, report compensation from the organization on row (i) and from related organizations, described in the instructions, on row (ii). Do not list any individuals that are not listed on Form 990, Part VII.

Note: The sum of columns (B)(i)-(iii) for each listed individual must equal the total amount of Form 990, Part VII, Section A, line 1a, applicable column (D) and (E) amounts for that individual.

(A) Name and Title		(B) Breakdown of W-2 and/or 1099-MISC compensation			(C) Retirement and other deferred compensation	(D) Nontaxable benefits	(E) Total of columns (B)(i)-(D)	(F) Compensation in column (B) reported as deferred on prior Form 990
		(i) Base compensation	(ii) Bonus & incentive compensation	(iii) Other reportable compensation				
(1) MICHAEL P. CROSBY PH.D PRESIDENT/CEO	(i)	285,994.	0.	0.	18,656.	1,104.	305,754.	0.
	(ii)	0.	0.	0.	0.	0.	0.	0.
(2) DAVID VAUGHAN PH.D SR SCIENTIST	(i)	136,365.	0.	0.	16,408.	11,503.	164,276.	0.
	(ii)	0.	0.	0.	0.	0.	0.	0.
(3) JOHN REYNOLDS III, PH.D SR SCIENTIST	(i)	127,187.	0.	0.	15,612.	18,213.	161,012.	0.
	(ii)	0.	0.	0.	0.	0.	0.	0.
(4) KENNETH LEBER, PH.D SR SCIENTIST	(i)	134,798.	0.	0.	16,161.	7,787.	158,746.	0.
	(ii)	0.	0.	0.	0.	0.	0.	0.
(5) KUMAR MAHADEVAN, PH. D OUTREACH	(i)	156,429.	0.	991.	10,708.	4,841.	172,969.	0.
	(ii)	0.	0.	0.	0.	0.	0.	0.
(6) ROBERT HUETER PH.D SR SCIENTIST	(i)	130,902.	0.	0.	16,412.	21,825.	169,139.	0.
	(ii)	0.	0.	0.	0.	0.	0.	0.
	(i)							
	(ii)							
	(i)							
	(ii)							
	(i)							
	(ii)							
	(i)							
	(ii)							
	(i)							
	(ii)							
	(i)							
	(ii)							
	(i)							
	(ii)							

**SCHEDULE M
(Form 990)**

Noncash Contributions

OMB No. 1545-0047

2015

Open To Public Inspection

Department of the Treasury
Internal Revenue Service

- ▶ Complete if the organizations answered "Yes" on Form 990, Part IV, lines 29 or 30.
- ▶ Attach to Form 990.
- ▶ Information about Schedule M (Form 990) and its instructions is at www.irs.gov/form990.

Name of the organization **MOTE MARINE LABORATORY, INC.** Employer identification number **59-0756643**

Part I Types of Property

	(a) Check if applicable	(b) Number of contributions or items contributed	(c) Noncash contribution amounts reported on Form 990, Part VIII, line 1g	(d) Method of determining noncash contribution amounts
1 Art - Works of art				
2 Art - Historical treasures				
3 Art - Fractional interests				
4 Books and publications				
5 Clothing and household goods				
6 Cars and other vehicles	X	3	9,400.	FAIR MARKET VALUE
7 Boats and planes	X	10	19,995.	FAIR MARKET VALUE
8 Intellectual property				
9 Securities - Publicly traded	X	12	389,139.	NYSE
10 Securities - Closely held stock				
11 Securities - Partnership, LLC, or trust interests				
12 Securities - Miscellaneous				
13 Qualified conservation contribution - Historic structures				
14 Qualified conservation contribution - Other				
15 Real estate - Residential				
16 Real estate - Commercial				
17 Real estate - Other				
18 Collectibles				
19 Food inventory				
20 Drugs and medical supplies				
21 Taxidermy				
22 Historical artifacts				
23 Scientific specimens				
24 Archeological artifacts				
25 Other ▶ (MICROSOFT HAR)	X	1	82,406.	FAIR MARKET VALUE
26 Other ▶ (AQUARIUM)	X	1	4,720.	FAIR MARKET VALUE
27 Other ▶ ()				
28 Other ▶ ()				

29 Number of Forms 8283 received by the organization during the tax year for contributions for which the organization completed Form 8283, Part IV, Donee Acknowledgement **29**

	Yes	No
30a During the year, did the organization receive by contribution any property reported in Part I, lines 1 through 28, that it must hold for at least three years from the date of the initial contribution, and which is not required to be used for exempt purposes for the entire holding period?		X
b If "Yes," describe the arrangement in Part II.		
31 Does the organization have a gift acceptance policy that requires the review of any non-standard contributions?	X	
32a Does the organization hire or use third parties or related organizations to solicit, process, or sell noncash contributions?		X
b If "Yes," describe in Part II.		
33 If the organization did not report an amount in column (c) for a type of property for which column (a) is checked, describe in Part II.		

LHA For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule M (Form 990) (2015)

SCHEDULE O
(Form 990 or 990-EZ)

Department of the Treasury
Internal Revenue Service

Supplemental Information to Form 990 or 990-EZ

Complete to provide information for responses to specific questions on
Form 990 or 990-EZ or to provide any additional information.

▶ Attach to Form 990 or 990-EZ.

▶ Information about Schedule O (Form 990 or 990-EZ) and its instructions is at www.irs.gov/form990.

OMB No. 1545-0047

2015

Open to Public
Inspection

Name of the organization

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FORM 990, PART I, LINE 6 VOLUNTEERS

VOLUNTEERS WORKED IN MANY PROGRAM AREAS INCLUDING IN THE AQUARIUM,
ANIMAL CARE, THE SEA TURTLE PROGRAM, HIGH SCHOOL AND COLLEGE INTERNS,
ADVISORY BOARD, BOARD OF TRUSTEES, COMMUNITY SERVICE AND RESEARCH.

FORM 990, PART III, LINE 4A, DESCRIPTION OF PROGRAM SERVICE:

RESEARCH

MOTE IS AN INDEPENDENT, NONPROFIT 501(C)(3) MARINE RESEARCH
ORGANIZATION WITH FIVE FLORIDA CAMPUSES FROM SARASOTA TO KEY WEST. AS
OF DECEMBER 2015, MOTE HAS 25 RESEARCH PROGRAMS CONDUCTING WORLD-CLASS
SCIENCE NOT ONLY IN OUR HOME COMMUNITY OF SOUTHWEST FLORIDA, BUT IN THE
OCEANS AROUND ALL SEVEN CONTINENTS.

MOTE HAS BEEN COMMITTED TO INNOVATIVE MARINE RESEARCH SINCE DR. EUGENIE
CLARK FOUNDED THE LAB IN 1955. MOTE REMAINS ONE OF THE FEW INDEPENDENT
MARINE LABS IN THE WORLD HAVING A GLOBAL IMPACT. AS SUCH, WE NURTURE
THE SCIENTIFIC INNOVATION AND FLEXIBILITY NEEDED TO ADDRESS THE MOST
PRESSING OCEAN ISSUES OF OUR TIME.

MOTE'S MISSION IS TO CONTINUALLY ADVANCE MARINE AND ENVIRONMENTAL
SCIENCE THROUGH RESEARCH, EDUCATION AND PUBLIC OUTREACH LEADING TO NEW
DISCOVERIES, REVITALIZATION AND SUSTAINABILITY OF EARTH'S OCEAN
RESOURCES AND TO A GREATER PUBLIC UNDERSTANDING OF OUR MARINE

Name of the organization MOTE MARINE LABORATORY, INC.	Employer identification number 59-0756643
-----------------------------------------------------------------	-----------------------------------------------------

ECOSYSTEMS.

MOTE IS FIRST AND FOREMOST A GLOBAL LEADER IN DIVERSE FIELDS OF MARINE RESEARCH RELEVANT TO CONSERVATION AND SUSTAINABLE USE OF MARINE BIODIVERSITY, HEALTHY HABITATS AND NATURAL RESOURCES.

MOTE IS ALSO UNIQUE AS ONE OF THE FEW INDEPENDENT SCIENTIFIC ORGANIZATIONS IN THE WORLD THAT COMBINES MARINE RESEARCH WITH PUBLIC OUTREACH FEATURING AN AQUARIUM, ALONG WITH FORMAL AND INFORMAL EDUCATION PROGRAMS. OUR VISION INCLUDES POSITIVELY IMPACTING PUBLIC POLICY BY BUILDING A MORE OCEAN-LITERATE SOCIETY. (VIEW MOTE'S 2020 VISION & STRATEGIC PLAN AT: WWW.MOTE.ORG/ABOUTUS)

MOTE'S RESEARCH ORIGINALLY FOCUSED ON SHARKS AND UNDERSTANDING THEIR BASIC BIOLOGY, BUT TODAY MOTE'S RESEARCH HAS EXPANDED TO INCLUDE THOUSANDS OF STUDIES THAT PROVIDE VITAL INFORMATION FOR RESOURCE MANAGERS AND THE PUBLIC.

OVER 60 YEARS, MOTE HAS GROWN FROM A TINY SHED IN PLACIDA, FL WHERE THE LEGENDARY SCIENTIST DR. EUGENIE CLARK - THE SHARK LADY - BEGAN THE OPERATION, TO A 10.5-ACRE CAMPUS ON SARASOTA BAY IN SARASOTA, FLORIDA, WITH FIELD STATIONS ON SUMMERLAND KEY IN THE FLORIDA KEYS, A 200-ACRE STATE-OF-THE-ART MOTE AQUACULTURE RESEARCH PARK IN EASTERN SARASOTA COUNTY, A BOCA GRANDE OFFICE DESIGNED TO CONNECT THE COMMUNITY WITH MOTE'S RESEARCH IN CHARLOTTE HARBOR, AND A PUBLIC CORAL REEF EXHIBIT IN KEY WEST.

TODAY, MOTE HAS A STAFF OF MORE THAN 200 INCLUDING 35 DOCTORAL-LEVEL

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SCIENTISTS. MOTE ALSO MAINTAINS A FANTASTIC GROUP OF 1,642 VOLUNTEERS.

THROUGH OUR HISTORY, MOTE SCIENTISTS HAVE PUBLISHED THOUSANDS OF MOTE TECHNICAL REPORTS AND PAPERS IN PEER-REVIEWED SCIENTIFIC JOURNALS, INCLUDING WORK THAT HAS ADVANCED THE FIELDS OF SHARK BEHAVIOR AND BIOLOGY, OCEAN OBSERVING SYSTEMS, HARMFUL ALGAL BLOOM DYNAMICS, CORAL REEF RESEARCH, MARINE MAMMAL AND SEA TURTLE BIOLOGY AND POPULATION DYNAMICS, AQUACULTURE SYSTEMS RESEARCH AND DEVELOPMENT AND NUMEROUS OTHER AREAS OF FOCUS. MOTE IS CURRENTLY HOME TO THE NATIONAL CENTER FOR SHARK RESEARCH, THE ONLY SUCH CENTER IN THE U.S. TO RECEIVE A CONGRESSIONAL DESIGNATION. (MANY OF OUR WORKS ARE GATHERED IN DSPACE, AN OPEN ACCESS REPOSITORY LOCATED AT [HTTPS://DSpace.MOTE.ORG/DSpace](https://dspace.mote.org/dspace). THE MOTE ARTHUR VINING DAVIS SCIENCE LIBRARY ARCHIVE ALSO INCLUDE SEVERAL SPECIAL COLLECTIONS, INCLUDING WORKS BY OUTSTANDING MOTE-AFFILIATED SCIENTISTS DR. CHARLES BREDER, DR. PERRY GILBERT AND DR. EUGENIE CLARK.)

TODAY, MOTE'S DIVERSE RESEARCH PROGRAMS INCLUDE: STUDIES OF HUMAN CANCER USING MARINE MODELS AND THE EFFECTS OF MAN-MADE AND NATURAL TOXINS ON HUMANS AND ON THE ENVIRONMENT; THE HEALTH OF WILD FISHERIES; DEVELOPMENT OF SUSTAINABLE AND SUCCESSFUL FISH RESTOCKING TECHNIQUES AND FOOD PRODUCTION TECHNOLOGIES; AND DEVELOPMENT OF NEW OCEAN TECHNOLOGY TO BETTER UNDERSTAND THE HEALTH OF OUR ECOSYSTEMS.

MOTE RESEARCH PROGRAMS ALSO FOCUS ON STUDYING AND UNDERSTANDING THE GLOBAL THREATS FACING CORAL REEFS AND IMPLEMENTING INNOVATIVE CORAL RESTORATION EFFORTS. MOTE SCIENTISTS ALSO STUDY THE POPULATION DYNAMICS OF MANATEES, DOLPHINS, SEA TURTLES, AND SHARKS, WITH A FOCUS ON THEIR

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CONSERVATION. (FOR A FULL AND CURRENT LISTING OF MOTE MARINE LABORATORY'S RESEARCH PROGRAMS AND INITIATIVES, PLEASE VISIT WWW.MOTE.ORG.)

RESEARCH HIGHLIGHTS FROM 2015:

HISTORIC FUNDRAISING CAMPAIGN LAUNCHES, NEARS ITS GOAL IN JANUARY 2015, MOTE CELEBRATED THE PUBLIC LAUNCH OF OCEANS OF OPPORTUNITY: THE CAMPAIGN FOR MOTE MARINE LABORATORY - A MULTI-MILLION-DOLLAR, COMPREHENSIVE FUNDRAISING EFFORT TO SUPPORT AND GROW MOTE'S RESEARCH AND EDUCATION EFFORTS INTO THE FUTURE. BY THE YEAR'S END, THE CAMPAIGN HAD RAISED MORE THAN \$40 MILLION AND WAS CLOSING IN ON ITS \$50 MILLION GOAL. EVEN BEFORE COMPLETION, IT IS ALREADY THE MOST SUCCESSFUL FUNDRAISING EFFORT IN THE NONPROFIT LAB'S HISTORY.

THE MOST OUTSTANDING CAMPAIGN DONATIONS CAME FROM MOTE'S NEW LEADERSHIP CIRCLE, A SPECIAL GROUP OF COMMUNITY MEMBERS WHO UNDERSTAND THE URGENT THREATS FACING OUR OCEANS AND WANT TO HELP ADDRESS THEM. IN 2015, EACH OF THE FOLLOWING LEADERSHIP CIRCLE DONORS PLEDGED \$1 MILLION OR MORE:

CAROL AND BARNEY BARNETT

MAURICE AND CAROLYN CUNNIFFE

JAMES D. AND PATI ERICSON

ROBERT AND ANNE ESSNER

ELIZABETH MOORE

RICK AND NANCY MOSKOVITZ FOUNDATION

FOUR ANONYMOUS DONORS

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IN 2015 THE CAMPAIGN HELPED MOTE PROGRESS TOWARD AN EXCITING GOAL: CREATING A NEW, STATE-OF-THE-ART, LEED-CERTIFIED RESEARCH AND EDUCATION FACILITY IN THE FLORIDA KEYS. WITH HELP OF FOUNDING DONOR, THE GARDENER FOUNDATION, AND GENEROUS DONATIONS FROM OTHERS, INCLUDING: \$2 MILLION FROM THE RICK AND NANCY MOSKOVITZ FOUNDATION, \$1 MILLION FROM ELIZABETH MOORE AND \$325,000 FROM THE CHARLES AND MARGERY BARANCIK FOUNDATION, OVER 50% OF THE FUNDS FOR THE NEW FACILITY HAVE BEEN RECEIVED IN 2015 THESE GIFTS GENERATED EXCITING MOMENTUM AND ALLOWED FOR THE START OF THE CONSTRUCTION PROCESS FOR A NEW BUILDING AT MOTE'S SUMMERLAND KEY PROPERTY. TWO RESIDENTIAL AND OFFICE BUILDINGS WILL BE DEMOLISHED, BUT THE CURRENT SCIENCE BUILDING AND WORKING LAB WILL BE FULLY OPERATIONAL THROUGHOUT CONSTRUCTION IN 2016 AND EARLY 2017.

THE NEW BUILDING WILL MORE THAN DOUBLE MOTE'S RESEARCH AND EDUCATION SPACE IN THE KEYS, ALLOWING THE LAB TO EXPAND PROGRAMS FOCUSED ON STUDYING AND RESTORING DAMAGED CORAL REEFS AND ON FINDING NEW WAYS TO ADDRESS GLOBAL THREATS TO REEFS - PARTICULARLY OCEAN ACIDIFICATION, INCREASING OCEAN TEMPERATURE AND CORAL DISEASES.

HONORING A LIFE AQUATIC

AFTER A LIFETIME SPENT BLAZING TRAILS FOR MARINE RESEARCH AND FOR WOMEN ENTERING THE FIELD, MOTE'S FOUNDING DIRECTOR, "SHARK LADY" DR. EUGENIE CLARK, DIED IN 2015 AT AGE 92. DR. CLARK INSPIRED GENERATIONS TO LEARN ABOUT AND TO LOVE THE SEA AS SHE UNLOCKED OCEAN MYSTERIES AND SHARED HER FINDINGS WITH A PUBLIC ALWAYS EAGER FOR MORE.

CLARK WAS AN ICHTHYOLOGIST AND WORLD AUTHORITY ON TROPICAL SANDFISHES

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AND SHARKS. AS A DIVER AND EXPLORER, SHE CONDUCTED 72 SUBMERSIBLE DIVES AS DEEP AS 12,000 FEET AND LED MORE THAN 200 FIELD RESEARCH EXPEDITIONS TO THE RED SEA, GULF OF AQABA, CARIBBEAN, MEXICO, JAPAN, PALAU, PAPUA NEW GUINEA, THE SOLOMON ISLANDS, THAILAND, INDONESIA AND BORNEO TO STUDY SANDFISHES, WHALE SHARKS, DEEP SEA SHARKS AND SPOTTED OCEANIC TRIGGERFISH. SHE WROTE THREE POPULAR BOOKS AND MORE THAN 175 ARTICLES, INCLUDING RESEARCH PUBLICATIONS IN LEADING PEER-REVIEWED JOURNALS SUCH AS SCIENCE AND A DOZEN POPULAR STORIES IN NATIONAL GEOGRAPHIC MAGAZINE.

IN 1955, CLARK STARTED THE ONE-ROOM CAPE HAZE MARINE LABORATORY IN PLACIDA, FLORIDA, WITH PHILANTHROPIC SUPPORT FROM THE VANDERBILT FAMILY. THE LAB LATER MOVED TO SARASOTA AND WAS RENAMED MOTE MARINE LABORATORY IN 1967 TO HONOR ITS NEWEST BENEFACTOR, WILLIAM R. MOTE.

CLARK'S DISTINGUISHED CAREER SPANNED ALMOST 75 YEARS AND SHE WILL BE REMEMBERED FOR HER LEGACY OF AMAZING DISCOVERIES AND THE RIPPLE EFFECTS THEY HAD ON MARINE SCIENCE AROUND THE WORLD. BEFORE HER DEATH, GENIE CELEBRATED THE 60TH ANNIVERSARY OF THE LAB SHE FOUNDED.

LANDMARK RESEARCH AND CONSERVATION IN CUBA

MOTE SHARK AND CORAL RESEARCHERS AND THEIR CUBAN COUNTERPARTS PLACED THE FIRST SATELLITE TRANSMITTER TAGS ON SHARKS IN CUBAN WATERS AND CONDUCTED THE FIRST CORAL TRANSPLANT EXPERIMENT ON A CUBAN REEF IN FEBRUARY. MOTE'S TEAM IN CUBA INCLUDED DR. ROBERT HUETER, ASSOCIATE VICE PRESIDENT FOR RESEARCH AND DIRECTOR OF THE CENTER FOR SHARK RESEARCH, DR. DAVID VAUGHAN, EXECUTIVE DIRECTOR OF MOTE'S TROPICAL RESEARCH LABORATORY, AND DR. KIM RITCHIE, MANAGER OF MOTE'S MARINE MICROBIOLOGY RESEARCH PROGRAM.

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IN OCTOBER, CUBA RELEASED ITS NATIONAL PLAN OF ACTION FOR SHARKS, WITH THE GOALS OF CONSERVATION AND SUSTAINABLE MANAGEMENT OF THESE ECOLOGICALLY AND ECONOMICALLY IMPORTANT FISHES. MOTE SCIENTISTS PARTICIPATED IN THE PLAN'S DEVELOPMENT AND PRAISED THIS MAJOR, COLLABORATIVE STEP FORWARD FOR SHARK AND RAY CONSERVATION IN CUBAN WATERS - A MAJOR AREA OF FOCUS FOR MOTE'S CENTER FOR SHARK RESEARCH.

GRASSROOTS SCALLOP RESTORATION

MOTE SCIENTISTS AND A JAPANESE COLLEAGUE TALLIED A RECORD 114 BABY SCALLOPS FROM ONE SARASOTA BAY RESTORATION SITE IN MARCH - GOOD NEWS FOR MOTE'S COMMUNITY-WIDE PARTNERSHIP WORKING TO REPLENISH THE BAY'S DEPLETED SCALLOP POPULATIONS.

FLORIDA'S SCALLOP POPULATIONS FELL DRAMATICALLY IN THE 1960S. THE REASONS ARE NOT FULLY UNDERSTOOD BUT ARE THOUGHT TO INCLUDE DECREASED WATER QUALITY, EXTREME RED TIDES, DESTRUCTION OF SEA GRASS HABITAT AND OVERHARVESTING. TO RESTORE SARASOTA BAY POPULATIONS AND STUDY WHICH STRATEGIES WORK BEST, MOTE HAS PARTNERED WITH THE FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION (FWC), SARASOTA BAY WATCH, SARASOTA BAY ESTUARY PROGRAM, SARASOTA COUNTY, BAY SHELLFISH CO., LOCAL BUSINESS LEADERS AND MANY VOLUNTEER CITIZEN SCIENTISTS. PARTNERS ARE PLACING YOUNG SCALLOPS INTO THE BAY, MONITORING FOR RECOVERY AND WORKING TO IMPROVE ENVIRONMENTAL QUALITY AND EXPAND COMMUNITY INVOLVEMENT.

THE MOTE COMMUNITY PARTNERSHIP: SCALLOP RESTORATION INITIATIVE IS PART OF A GLOBAL RESEARCH INITIATIVE FUNDED BY THE JAPANESE RESEARCH INSTITUTE FOR HUMANITY AND NATURE (RIHN) THAT STUDIES HOW COMMUNITIES

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AND SCIENTISTS WORK TOGETHER ON ENVIRONMENTAL PROBLEMS.

DEEPWATER HORIZON-RELATED RESEARCH PROGRESSES

FIVE YEARS AFTER THE DEEPWATER HORIZON OIL SPILL, MOTE SCIENTISTS CONTINUED TO LEAD NEW SPILL-RELATED STUDIES FOCUSING ON THE HEALTH OF KEY FISHES IN THE GULF OF MEXICO. THE RESEARCH IS PART OF THE C-IMAGE II CONSORTIUM OF INSTITUTIONS STUDYING THE SPILL, LED BY THE UNIVERSITY OF SOUTH FLORIDA. C-IMAGE II AND ITS EARLIER ITERATION, C-IMAGE I, ARE BOTH SUPPORTED BY THE GULF OF MEXICO RESEARCH INITIATIVE. DR. DANA WETZEL, TOXICOLOGY TASK LEAD, AND DR. KEVAN MAIN, DIRECTOR OF THE MOTE AQUACULTURE RESEARCH PARK, ARE EXAMINING HOW SPECIFIC LEVELS OF OIL COMPONENTS AFFECT FISH UNDER CONTROLLED LABORATORY CONDITIONS. THE STUDIES FOCUS ON THREE IMPORTANT GULF SPECIES - RED DRUM, POMPAÑO AND SOUTHERN FLOUNDER - TO EXAMINE OIL-RELATED CHANGES IN IMMUNE AND REPRODUCTIVE HEALTH, VIABILITY OF OFFSPRING AND OTHER TRAITS IMPORTANT FOR MAINTAINING POPULATIONS.

NSF GRANT FOR CORALS UNDER THREAT

DR. ERINN MULLER RECEIVED THE NATIONAL SCIENCE FOUNDATION'S (NSF'S) PRESTIGIOUS CAREER GRANT TOTALING \$578,681 FOR FIVE YEARS OF RESEARCH AND EDUCATION FOCUSED ON THREATENED CORALS. THE FACULTY EARLY CAREER DEVELOPMENT PROGRAM OFFERS NSF'S MOST PRESTIGIOUS AWARDS TO SUPPORT EXEMPLARY TEACHER-SCHOLARS THROUGH THE INTEGRATION OF EXCELLENT EDUCATION AND OUTSTANDING RESEARCH.

THE GRANT IS ALLOWING MULLER TO CONDUCT NEW RESEARCH WITH STAGHORN CORAL (ACROPORA CERVICORNIS), A THREATENED SPECIES THAT HAS DWINDLED SIGNIFICANTLY IN FLORIDA AND BEYOND. MULLER IS STUDYING THE CORAL'S

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POTENTIAL TO BE AFFECTED BY, AND REBOUND FROM, MAJOR ENVIRONMENTAL STRESSORS SUCH AS DISEASE, HIGH WATER TEMPERATURES AND OCEAN ACIDIFICATION. MULLER HAS WORKED WITH COLLEGE INTERNS AND WILL INVOLVE HIGH-SCHOOLERS IN HER RESEARCH IN 2016, ENGAGING YOUNGER GENERATIONS IN SCIENCE DESIGNED TO BENEFIT REEFS.

NEW ACOUSTIC STUDY OF PROTECTED GROUPE

MOTE SCIENTISTS ARE LISTENING TO MATING AGGREGATIONS OF PROTECTED GROUPE SPECIES BY COMBINING TWO ACOUSTIC TECHNIQUES IN A NEW WAY, ADVANCING RESEARCH TO BENEFIT DEPLETED AND RECOVERING FISH STOCKS. STAFF SCIENTIST DR. JAMES LOCASCIO WAS AWARDED A MARINE FISHERIES INITIATIVE (MARFIN) PROGRAM GRANT PROVIDED BY THE NATIONAL MARINE FISHERIES SERVICE (NMFS) TO STUDY PROTECTED POPULATIONS OF GOLIATH GROUPE BY COMBINING SONAR DATA WITH RECORDINGS OF FISH SOUNDS - TWO KEY TYPES OF INFORMATION NORMALLY COLLECTED SEPARATELY. COMBINING THESE ACOUSTIC DATA COULD PROVIDE A NEW QUANTITATIVE WAY TO STUDY FISH SPAWNING AGGREGATIONS.

FIELD WORK FOR THE GROUPE STUDY KICKED OFF IN SEPTEMBER 2015, WHEN MOTE SCIENTISTS PLACED SEVERAL UNDERWATER SOUND RECEIVERS AT THEIR RESEARCH SITE OFF JUPITER, FLORIDA, TO COLLECT ACOUSTIC DATA FROM THE GROUPE BEFORE THEIR SPAWNING SEASON ENDED IN OCTOBER. MORE DATA WILL BE GATHERED DURING THE 2016 SPAWNING SEASON AND DURING NON-SPAWNING TIMES - A NECESSITY FOR UNDERSTANDING HOW THE SOUNDS FROM THESE GROUPE CHANGE IN RELATION TO THE BACKGROUND SOUNDS MADE BY OTHER SPECIES.

CORAL RESTORATION BREAKTHROUGH

MOTE SCIENTISTS AND COLLEAGUES PUBLISHED THE PEER-REVIEWED SCIENTIFIC

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PAPER "GROWING CORAL LARGER AND FASTER: MICRO-COLONY-FUSION AS A STRATEGY FOR ACCELERATING CORAL COVER" IN THE JOURNAL PEERJ. THIS STUDY DEMONSTRATES THAT AN INNOVATIVE TECHNIQUE PIONEERED BY MOTE SENIOR SCIENTIST DR. DAVID VAUGHAN AND BIOLOGIST CHRIS PAGE - THE MICRO FRAGMENTATION AND FUSION METHOD - CAN BE USED TO RAPIDLY COVER A VARIETY OF SUBSTRATES WITH CORAL TISSUE. THE RESEARCH CONTINUES THE REFINEMENT OF CORAL REEF RESTORATION METHODS.

THE AUTHORS REPORTED THAT AFTER 139 DAYS, THEY WERE ABLE TO INCREASE STAR CORAL COVERAGE BY AS MUCH AS 329 PERCENT AND BRAIN CORAL BY 129 PERCENT IN A LAND-BASED NURSERY. WHILE SOME REEF-BUILDING CORALS IN THE WILD MIGHT GROW 1 CENTIMETER OR LESS IN DIAMETER OR LENGTH PER YEAR, THE CORALS RAISED IN THIS STUDY GREW AT SEVERAL TIMES THE RATE OF THEIR WILD KIN.

ENHANCING SNOOK POPULATIONS
SCIENTISTS FROM MOTE AND THE FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION (FWC) PLACED HATCHERY-REARED JUVENILE SNOOK INTO ACCLIMATION ENCLOSURES IN SARASOTA BAY AND THEN RELEASED THE FISH FROM THE ENCLOSURES INTO THE WILD AS PART OF AN ONGOING RESEARCH PROJECT FOCUSED ON FINDING THE MOST EFFECTIVE METHODS TO REPLENISH AND ENHANCE WILD SNOOK POPULATIONS.

THE STUDY - THE LATEST OF MOTE AND FWC'S FISHERIES ENHANCEMENT RESEARCH THAT HAS BEEN ONGOING FOR MORE THAN 20 YEARS - INVOLVED TAGGING ABOUT 400 JUVENILE COMMON SNOOK BORN AND RAISED AT MOTE AQUACULTURE PARK WITH PASSIVE INTEGRATED TRANSPONDER (PIT) TAGS. THE TAGGED FISH WERE TRANSPORTED TO ACCLIMATION PENS IN A SARASOTA BAY CREEK AND THEN

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RELEASED TO THE WILD FOR STUDY BY MOTE FISHERIES SCIENTISTS, DR. RYAN SCHLOESSER AND DR. NATE BRENNAN. THE PIT TAGS PROVIDE A BARCODE FOR EACH INDIVIDUAL FISH TO HELP SCIENTISTS ACCURATELY TRACK AND RECOVER DATA. ACCORDING TO STUDY LEADER DR. KENNETH LEBER, ASSOCIATE VICE PRESIDENT FOR RESEARCH AND MANAGER OF THE FISHERIES ECOLOGY AND ENHANCEMENT PROGRAM, THE RESEARCH WILL SHOW WHETHER CERTAIN METHODS OF ACCLIMATING SNOOK FOR RELEASE CAN INCREASE THEIR ODDS OF SURVIVING.

STUDYING SHARK SURVIVAL AFTER CATCH AND RELEASE

A \$192,310 FEDERAL GRANT IS ALLOWING SCIENTISTS TO CONTINUE STUDIES USING IPHONE-QUALITY MOTION SENSORS TO EXAMINE SURVIVAL AND RECOVERY RATES OF SEVERAL SHARK SPECIES AFTER THEY ARE CAUGHT AND RELEASED BY FLORIDA'S COMMERCIAL FISHERS.

AFTER FISHERS CATCH AND RELEASE A SHARK, IT IS RELATIVELY UNKNOWN HOW THE ANIMALS ARE AFFECTED, HOW LONG IT TAKES THEM TO RECOVER OR HOW WELL THEY SURVIVE RELEASE. THIS IS VITAL INFORMATION FOR RESOURCE MANAGERS SEEKING TO ASSESS SHARK STOCKS AND MAINTAIN HEALTHY SHARK POPULATIONS, PRESERVING THE TOP PREDATORS THAT HELP KEEP ECOSYSTEMS IN BALANCE.

PAST MOTE RESEARCH HAS HELPED REVEAL THAT DIFFERENT SHARK SPECIES CAN HAVE DIFFERENT POST-RELEASE SURVIVAL AND RECOVERY RATES. THE NEW COOPERATIVE RESEARCH PROGRAM (CRP) GRANT, AWARDED BY THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION'S NATIONAL MARINE FISHERIES SERVICE (NMFS) TO MOTE STAFF SCIENTIST DR. NICK WHITNEY, EXPANDS THE STUDY TO NEW SHARK SPECIES, INCLUDING SOME PROHIBITED SPECIES THAT MAY BE CAUGHT ACCIDENTALLY AS BYCATCH - PARTICULARLY CARCHARHINID SHARKS, WHICH INCLUDE SANDBAR, BLACKTIP, BULL AND TIGER SHARKS.

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TRACKING SHARK MIGRATIONS

MOTE POSTDOCTORAL RESEARCH FELLOW DR. HEATHER MARSHALL WAS ABOARD THE M/V OSEARCH IN THE GULF OF MEXICO AS PART OF A MULTI-INSTITUTION STUDY THAT ALLOWED HER TO GATHER SHARK BLOOD SAMPLES, TAG MULTIPLE SHARK SPECIES AND TRACK THEIR MIGRATIONS. THE TEAM TAGGED "JOSEPH" A 10-FOOT 6-INCH TIGER SHARK, "BUDDY" A 7-FOOT, 10-INCH HAMMERHEAD, "REVEILLE" AN 8-FOOT SCALLOPED HAMMERHEAD AND "FINLEY" A 10-FOOT TIGER SHARK.

PROTECTING ENDANGERED SEA TURTLES

SEA TURTLE NESTING BROKE RECORDS IN 2015 ON MOTE-MONITORED BEACHES FROM LONGBOAT KEY THROUGH VENICE IN 2015. MOTE'S SEA TURTLE CONSERVATION AND RESEARCH PROGRAM HAS COORDINATED CONSERVATION OF ENDANGERED SEA TURTLES ALONG 35 MILES OF SARASOTA COUNTY BEACHES SINCE 1981. SEA TURTLE NESTING TAKES PLACE FROM MAY THROUGH OCTOBER ON FLORIDA'S GULF COAST. IN 2015, THERE WERE 2,475 NESTS, WHICH BEAT THE 2012 RECORD BY SIX NESTS.

MOTE'S MULTI-DECADE MONITORING EFFORTS PROVIDE DATA THAT RESOURCE MANAGERS CAN USE TO UNDERSTAND AND PROTECT SEA TURTLE POPULATIONS. LONG-TERM DATA ARE PARTICULARLY IMPORTANT BECAUSE SEA TURTLES ARE LONG-LIVED SPECIES. IT TAKES ABOUT 30 YEARS FOR HATCHLINGS BORN ON OUR BEACHES TO RETURN TO NEST AS ADULTS.

TRANSLATING AND TRANSFERRING SCIENCE: CORAL REEFS UNDER THREAT

CORAL REEFS WORLDWIDE ARE FACING SEVERE THREATS FROM DISEASE, CLIMATE CHANGE AND ESPECIALLY OCEAN ACIDIFICATION (OA). IN 2015, MOTE HOSTED A FLORIDA ROUNDTABLE AND AN INTERNATIONAL WORKSHOP TO BRING RESEARCHERS

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TOGETHER TO PUT A SPOTLIGHT ON THREATS AND SEEK WAYS TO ADDRESS THEM.

FLORIDA HAS THE ONLY BARRIER CORAL REEF ALONG THE CONTINENTAL U.S., WHICH HELPS ATTRACT MILLIONS OF VISITORS, SUPPORTS VITAL FISHERIES AND CONTRIBUTES ABOUT \$6.3 BILLION TO THE STATE'S ECONOMY. RESEARCH BY MOTE AND OTHERS SHOWS THAT CORAL REEF ORGANISMS - INCLUDING THREATENED AND ENDANGERED CORALS OF THE FLORIDA KEYS - CAN HAVE A HARDER TIME GROWING AND BUILDING THEIR CARBONATE-RICH SKELETONS AS WATERS ACIDIFY. LAB EXPERIMENTS HAVE SHOWN THAT OA CONDITIONS CAN HINDER KEY STEPS IN PRODUCING THE NEXT GENERATION OF FEDERALLY PROTECTED ELKHORN CORALS.

PARTICIPANTS AT THE ROUNDTABLE NOTED THAT THE INVISIBLE THREAT OF OCEAN ACIDIFICATION HAS ALREADY BEGUN HARMING FLORIDA'S MARINE RESOURCES BUT THAT THE STATE HAS UNIQUE STRENGTHS AND OPPORTUNITIES TO RESPOND. ONE MAJOR STRENGTH IS MOTE'S RESEARCH FACILITY IN THE FLORIDA KEYS, WHERE WORK TO STUDY AND RESTORE CORAL REEFS IS ONGOING. THE OCEAN ACIDIFICATION ROUNDTABLE REPORT INFORMS THE CONVERSATION ON OA BY PROVIDING VITAL UPDATES ON HOW OA IS AFFECTING FLORIDA WATERS AND HOW SCIENTISTS AND OTHERS CAN RESPOND.

MOTE ALSO CO-HOSTED A SECOND INTERNATIONAL WORKSHOP FOR SCIENTISTS FROM THE U.S., CUBA, ISRAEL, U.K., JORDAN, AND SICILY - STRENGTHENING FLORIDA'S PRESENCE AS A WORLD HUB OF OCEAN ACIDIFICATION RESEARCH. MOTE AND ITS PARTNERS HAVE BEEN STUDYING THE IMPACTS OF OA ON CORALS IN COMBINATION WITH OTHER STRESSORS SUCH AS CLIMATE CHANGE AND DISEASE, WHILE DEVELOPING INNOVATIVE METHODS TO HELP RESTORE CORAL REEFS IN OUR LIFETIME WITH THE CORAL GENETIC STRAINS MOST LIKELY TO SURVIVE CHANGING OCEAN TEMPERATURE AND ACIDITY. A NEW \$6-MILLION INTERNATIONAL CORAL

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REEF RESEARCH AND RESTORATION FACILITY IS BEING BUILT BY MOTE IN THE FLORIDA KEYS AND IT WILL HAVE A MAJOR FOCUS ON IMPACTS OF OA.

SUPPORTING CORAL RECOVERY

MOTE RESEARCH AND PUBLIC EDUCATION PROGRAMS ARE HELPING TO SUPPORT CORAL RECOVERY IN A NUMBER OF VITAL WAYS:

MOTE SCIENTISTS HELPED TO WRITE KEY PORTIONS OF THE NOAA FISHERIES RECOVERY PLAN FOR ELKHORN CORAL (ACROPORA PALMATA) AND STAGHORN CORAL (ACROPORA CERVICORNIS), KEY SPECIES THAT UNDERPIN FLORIDA'S REEF. THE PLAN, RELEASED IN MARCH, IDENTIFIES CRITERIA THAT MUST BE MET FOR THESE BRANCHING CORALS TO BE REMOVED FROM THE LIST OF THREATENED SPECIES UNDER THE ENDANGERED SPECIES ACT.

MOTE FORGED EDUCATION-FOCUSED PARTNERSHIPS WITH FLORIDA KEYS COMMUNITY COLLEGE (FKCC) AND JACKSONVILLE UNIVERSITY (JU) IN EARLY 2015 DESIGNED TO HELP SUPPORT THE NEXT GENERATION OF CORAL RESEARCHERS - WITH MOTE PROVIDING MENTORSHIP FOR STUDENT RESEARCH AND THE ORGANIZATIONS DEVELOPING JOINT RESEARCH PROJECTS IN SHARED RESEARCH AND EDUCATIONAL FACILITIES.

MOTE JOINED FORCES WITH MEMBERS OF THE COMBAT WOUNDED VETERAN CHALLENGE (CWVC) AND SCUBANAUTS INTERNATIONAL FOR THEIR FOURTH ANNUAL UNDERWATER MISSION TO RESTORE FLORIDA'S REEF. IN ALL, MORE THAN 50 DIVERS PLANTED SOME 250 FRAGMENTS OF STAGHORN CORAL IN MOTE'S SPECIAL RESTORATION SITE NEAR LOOE KEY IN 2015. MOTE ESTABLISHED ITS UNDERWATER STAGHORN CORAL NURSERY MORE THAN EIGHT YEARS AGO TO GROW COLONIES OF THIS THREATENED CORAL SPECIES FOR REPLANTING ON DECIMATED OR DAMAGED SECTIONS OF REEF

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WITHIN THE FLORIDA KEYS NATIONAL MARINE SANCTUARY. IN ADDITION TO BOOSTING CORAL POPULATIONS IN THE WILD, THIS ANNUAL MISSION SUPPORTS THE RECOVERY OF VETERANS WHO HAVE LOST LIMBS OR SUFFERED OTHER SEVERE TRAUMA WHILE SERVING THEIR COUNTRY AND PROVIDES THEM WITH AN OPPORTUNITY TO TEACH LEADERSHIP SKILLS AND MISSION FOCUS TO YOUNGSTERS PARTICIPATING IN THE SCUBANAUTS INTERNATIONAL LEADERSHIP PROGRAM FOR TEENS.

AQUACULTURE FOR A HEALTHY PLANET
MOTE SCIENTISTS AND THEIR COLLABORATORS WON A SOUTHWEST FLORIDA INNOVATORS' COMPETITION LIKENED TO THE XPRIZE. THE PROJECT "HEALTHY EARTH-GULF COAST: SUSTAINABLE SEAFOOD SYSTEM" WON THE GULF COAST INNOVATION CHALLENGE'S GRAND PRIZE - A \$375,000 GRANT.

THE PROJECT AIMS TO BUILD A THRIVING, LOCAL SEAFOOD INDUSTRY, ESPECIALLY BY ENHANCING THE SUSTAINABILITY AND ECONOMIC IMPACT OF THE HERITAGE FISHERY FOR GREY STRIPED MULLET THAT IS BASED IN CORTEZ, FLORIDA. MOTE RESEARCHERS, KNOWN INTERNATIONALLY FOR THEIR EXPERTISE WITH SUSTAINABLE FISH FARMING, WILL PLAY A LEAD ROLE IN DEVELOPING AND TESTING THE FISH MEAL AND OIL DERIVED FROM MULLET BYPRODUCTS.

MOTE AQUACULTURED FISH AND VEGETABLES HAVE ALSO MADE THEIR WAY INTO SOUTHWEST FLORIDA'S ECO-FRIENDLY FOOD SCENE. SEA VEGETABLES AND RED DRUM (REDFISH) GROWN AT MOTE AQUACULTURE PARK USING MARINE AQUAPONICS - RAISING SEAFOOD WHILE USING THE WASTEWATER TO FERTILIZE SALT-LOVING CROPS - ARE BEING SOLD TO RESTAURANTS FROM SARASOTA TO TAMPA AND ITS SEA PURSLANE AND SALTWORT - EDIBLE SEA VEGETABLES - WERE BEING SERVED IN LOCAL RESTAURANTS AND SOLD AT THE SARASOTA FARMERS MARKET.

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PROTECTING THE PUBLIC FROM RED TIDE EFFECTS

WHEN RED TIDE RETURNED TO FLORIDA'S GULF COAST IN 2015, MOTE SCIENTISTS SPRANG INTO ACTION TO MONITOR THE BLOOMS IN ORDER TO DELIVER BLOOM MOVEMENT FORECASTS DESIGNED TO PROTECT PUBLIC HEALTH.

KARENIA BREVIS, THE SINGLE-CELLED, HARMFUL ALGAE THAT CAUSES FLORIDA RED TIDE, OCCURS NATURALLY IN BACKGROUND CONCENTRATIONS IN THE GULF. WHEN CONCENTRATIONS ARE ELEVATED, K. BREVIS TOXINS CAN KILL MARINE LIFE AND SEND PEOPLE WITH CHRONIC LUNG CONDITIONS TO EMERGENCY ROOMS.

FROM SEPTEMBER THROUGH MID-DECEMBER, MOTE SCIENTISTS CONDUCTED SEVEN RESEARCH SAMPLING TRIPS BY BOAT AND ANALYZED MORE THAN 500 WATER SAMPLES. IN ADDITION TO GATHERING AND TESTING WATER SAMPLES TO CHECK FOR ELEVATED RED TIDE COUNTS, MOTE SCIENTISTS ALSO USE AUTONOMOUS UNDERWATER VEHICLES TO PATROL THE COAST, SEEKING OUT BLOOMS AND DETECTING BLOOM MOVEMENTS. THE INFORMATION THEY GATHER CONTRIBUTES TO RED TIDE STATUS UPDATES PROVIDED BY FWC AT MYFWC.COM/REDTIDESTATUS AND TO HARMFUL ALGAL BLOOM OPERATIONAL FORECAST PROVIDED BY THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION'S NATIONAL OCEAN SERVICE.

FORM 990, PART III, LINE 4B, DESCRIPTION OF PROGRAM SERVICE:

AQUARIUM

MOTE AQUARIUM IS THE PUBLIC OUTREACH ARM OF MOTE MARINE LABORATORY, DISPLAYING MORE THAN 100 MARINE SPECIES WITH A FOCUS ON LOCAL MARINE

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LIFE. WHILE MOTE MARINE LABORATORY WAS ESTABLISHED IN 1955, THE AQUARIUM OPENED IN 1980 ON CITY ISLAND IN SARASOTA BAY. MOTE AQUARIUM IS THE MAIN VENUE THROUGH WHICH MOTE MARINE LABORATORY COMMUNICATES ITS CUTTING-EDGE RESEARCH FINDINGS. LOCATED ON MOTE'S MAIN CAMPUS IN SARASOTA, FLA, THE AQUARIUM HAS PLAYED A KEY ROLE IN MOTE'S OUTREACH EFFORTS SINCE 1980 BY PRESENTING EXHIBITS AND PROGRAMS THAT REFLECT ONGOING RESEARCH IN THE LABORATORY AND THAT STIMULATE CURIOSITY, DISCOVERY, EXPLORATION AND STEWARDSHIP OF AQUATIC ENVIRONMENTS.

IN 2015, 311,745 GUESTS VISITED THE AQUARIUM, WITH OUR TRAVELING EXHIBIT (MOTE MOBILE) REACHING MORE THAN 95,000 PEOPLE THROUGHOUT FLORIDA. VISITORS CAN SEE SHARKS, MANATEES, SEA TURTLES, SEAHORSES, RAYS, SKATES AND INVERTEBRATES. MOTE AQUARIUM ALSO INCLUDES WINDOWS INTO MOTE'S WORKING LABORATORIES.

IN 2015, MOTE INTRODUCED ITS NEWEST SPECIAL EXHIBIT "OH BABY: LIFE CYCLES OF THE SEA," WHICH IS A FAMILY-FRIENDLY, EDUCATIONAL EXHIBIT INVITING VISITORS TO DISCOVER OCEAN ANIMAL "ROMANCE" AND REPRODUCTION, BABIES OF MANY SPECIES AND THE SURVIVAL CHALLENGES FACING NEW GENERATIONS OF MARINE LIFE. THESE TOPICS ARE CENTRAL TO MARINE RESEARCH AROUND THE GLOBE, INCLUDING THE WORLD-CLASS SCIENCE OF MOTE. THE EXHIBIT RECEIVED AN OVERWHELMING POSITIVE RESPONSE AND BECAME A PERMANENT EXHIBIT AT MOTE.

ALSO NEW IN 2015 WAS THE ADDITION OF THE NEW EXHIBIT, EXPLORATION GALLERY. AFTER A TWO-YEAR HIATUS, MOLLY, THE 27-FOOT-LONG PRESERVED GIANT SQUID, RETURNED TO MOTE AQUARIUM. MOLLY WAS ACCIDENTLY CAUGHT BY A DEEP-SEA COMMERCIAL FISHING TRAWLER OFF THE SOUTHEASTERN COAST OF NEW

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ZEALAND IN 1999, SHE WAS THEN DONATED TO MOTE. SINCE ENCOUNTERS WITH GIANT SQUID ARE RARE AND DISTANT, GUESTS CAN LET MOTE'S EXPLORATION GALLERY TAKE THEM ON AN EPIC JOURNEY FROM MYTH TO REALITY.

EXPLORATION GALLERY IS ALSO HOME TO 2115: THE FUTURE OF OUR CORAL REEFS, AN INTERACTIVE EXPLORATION EXHIBIT THAT TAKES VISITORS TO THE YEAR 2115, AND SHOWS THEM WHAT OUR CORAL REEFS MAY LOOK LIKE IF OCEAN ACIDIFICATION CONTINUES; CHEW ON THIS, WHICH FEATURES THE REAL TEETH OF A MAKO SHARK; AND SEA MONSTERS, WHERE GUEST CAN LEARN ABOUT SOME USUAL CHARACTERISTICS OF MARINE LIFE AND HOW THOSE CHARACTERISTICS ARE ADAPTATIONS TO EXTREME UNDERWATER ENVIRONMENT.

MOTE'S TRAVELING EXHIBITS, SANCTUARY REEF AND DISCOVERY REEF, MAY ALSO BE FEATURED IN EXPLORATION GALLERY.

MOTE AQUARIUM ALSO DISPLAYS OTHER MARINE SPECIES, INCLUDING SHARKS, FISH OF ALL SHAPES AND SIZES, MOLLUSKS, CRUSTACEANS AND MORE. AQUARIUM EXHIBITS RANGE FROM SMALL DISPLAYS TO LARGE EXHIBITS SUCH AS OUR 135,000-GALLON SHARK HABITAT. TOUCH POOLS ALLOW VISITORS TO SAFELY TOUCH SEA URCHINS, HORSESHOE CRABS, HERMIT CRABS, STINGRAYS AND OTHER SPECIES. GUESTS CAN ENJOY EDUCATIONAL AND INTERACTIVE EXHIBITS ENRICHED BY TRAINED VOLUNTEER DOCENTS THROUGHOUT THE AQUARIUM WHO ASSIST VISITORS AND ANSWER QUESTIONS. SPECIAL ATTRACTIONS INCLUDE NARRATED TRAINING SESSIONS WITH MOTE'S LARGE SHARKS, SEA TURTLES AND MANATEES AND A SEAHORSE CONSERVATION LABORATORY THAT BREEDS AND RAISES SEAHORSES THAT ARE DISPLAYED AT MOTE AND TOP ZOOS AND AQUARIUMS NATIONWIDE.

MOTE'S ANN AND ALFRED GOLDSTEIN MARINE MAMMAL RESEARCH AND

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REHABILITATION CENTER ALLOWS VISITORS TO SEE RESIDENT MANATEES, SEA TURTLES AND DOLPHINS THAT CANNOT BE RETURNED TO THE WILD. THESE ANIMALS ACT AS AMBASSADORS FOR THEIR SPECIES AND HELP US TEACH THE PUBLIC ABOUT OUR ONGOING RESEARCH PROGRAMS WITH THESE SPECIES IN THE WILD. THESE RESIDENT ANIMALS ALSO PARTICIPATE IN RESEARCH PROGRAMS HERE AT THE AQUARIUM THAT ALLOW US TO LEARN MORE ABOUT THESE ANIMALS IN WAYS THAT ARE NOT POSSIBLE IN WILD SETTINGS. IN THIS FASHION, THE AQUARIUM STAFF ARE CREATING A GREATER UNDERSTANDING OF THE LEARNING ABILITIES AND BIOLOGY OF THESE SPECIES, INCLUDING HOW WELL THEY HEAR AND SEE, AND HOW THEY USE VARIOUS SENSES - INCLUDING TOUCH - TO NAVIGATE THEIR ENVIRONMENT.

BEHIND THE SCENES, MOTE ALSO CARES FOR STRANDED, SICK OR INJURED DOLPHINS, WHALES AND SEA TURTLES WITH THE GOAL OF RETURNING THEM TO THE WILD. MOTE'S ANIMAL CARE STAFF SEEKS TO EXPAND KNOWLEDGE OF THE BASIC BIOLOGY, VETERINARY CARE AND DISEASE PROCESSES OF THESE ANIMALS. WHEN ANIMALS ARE SUCCESSFULLY RELEASED, EVERY EFFORT IS MADE TO DO FOLLOW-UP MONITORING OF THE SHORT- AND LONG-TERM MOVEMENTS OF THESE ANIMALS.

MOTE'S DOLPHIN AND WHALE HOSPITAL HAS BEEN REHABILITATING DOLPHINS AND WHALES AT OUR SARASOTA, FLA.-BASED FACILITIES SINCE 1984. WE HAVE TREATED 70 DOLPHINS AND SMALL WHALES AND SUCCESSFULLY RELEASED 21 TO THE WILD.

MOTE HAS BEEN REHABILITATING SICK AND INJURED SEA TURTLES SINCE 1995. WE HAVE TREATED MORE THAN 560 SEA TURTLE PATIENTS AND RELEASED APPROXIMATELY 299 OF THOSE TURTLE PATIENTS. OUT OF THAT NUMBER, 203 SEA TURTLES SUFFERED FROM FIBROPAPILLOMA TUMORS AND 71 WERE BEEN RELEASED.

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FIBROPAPILLOMA TUMORS ARE BELIEVED TO BE CAUSED BY A VIRUS AND, BECAUSE THE TRANSMISSION MECHANISM FOR THIS DISEASE REMAIN UNKNOWN, THE FACILITIES WHERE THESE TURTLES ARE TREATED ARE SEPARATE FROM OUR OTHER TURTLE TREATMENT FACILITIES. MOTE IS ONE OF ONLY FOUR FACILITIES IN FLORIDA THAT IS ABLE TO PROVIDE THIS SPECIALIZED CARE.

MOTE DOES PROVIDE LONG-TERM CARE TO A LIMITED NUMBER OF MARINE MAMMALS AND SEA TURTLES THAT ARE DEEMED BY FEDERAL AND STATE OFFICIALS AS NOT ABLE TO SURVIVE IN THE WILD DUE TO THE NATURE OF THEIR INJURIES. HOWEVER, OUR PRIMARY GOAL IS TO PROVIDE THE MOST HUMANE TREATMENT POSSIBLE FOR LIVE-STRANDED DOLPHINS, WHALES, AND SEA TURTLES, REHABILITATE AND RELEASE THEM. THIS STRATEGY CREATES A BETTER SCIENTIFIC UNDERSTANDING OF THESE ANIMALS AND THEIR NEEDS IN ORDER TO SUPPORT CONSERVATION OF THESE SPECIES IN THE WILD.

TRIPADVISOR NAMES MOTE 5TH BEST U.S. AQUARIUM! TRAVELERS HAVE SPOKEN AND TRIPADVISOR HAS NAMED MOTE AQUARIUM IN THE TOP 10 LIST OF BEST U.S. AQUARIUMS IN THE 2015 TRAVELER'S CHOICE AWARDS. MOTE PLACED 5TH IN THE U.S. LIST THIS YEAR, UP FROM 10TH LAST YEAR. THIS YEAR, MOTE IS ALSO NAMED THE 15TH BEST AQUARIUM IN THE ENTIRE WORLD, AND THE BEST IN THE STATE OF FLORIDA.

THE AWARDS HONOR TOP TRAVEL SPOTS WORLDWIDE BASED ON THE MILLIONS OF REVIEWS AND OPINIONS FROM TRIPADVISOR TRAVELERS. AWARD WINNERS WERE DETERMINED USING AN ALGORITHM THAT TOOK INTO ACCOUNT THE QUANTITY AND QUALITY OF REVIEWS FOR ZOOS AND AQUARIUMS IN THE U.S. AND WORLDWIDE OVER 12 MONTHS.

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FORM 990, PART III, LINE 4C, DESCRIPTION OF PROGRAM SERVICE:

EDUCATION

MOTE MARINE LABORATORY'S COMMITMENT TO SUPPORTING A MORE OCEAN-LITERATE SOCIETY BEGINS WITH CHILDREN - BUT IT DOESN'T STOP THERE. IN ADDITION TO THE MANY PROGRAMS WE OFFER THAT ARE GEARED TOWARD TODAY'S YOUTH, WE ALSO OFFER PROGRAMS TO PROVIDE ADULTS WITH LIFE-LONG OPPORTUNITIES FOR PUBLIC ENGAGEMENT IN MARINE SCIENCE, LIKE AN ANNUAL SPECIAL LECTURE SERIES AND SCIENCE CAFES.

MOTE'S ANNUAL SPECIAL LECTURE SERIES, GRACIOUSLY SPONSORED BY LOCAL PHILANTHROPISTS, SHOWCASES AN EXCITING SPEAKER LIST OF TOP SCIENTISTS AND EXPLORERS EACH YEAR THAT DRAWS THOUSANDS OF LOCAL RESIDENTS TO LEARN MORE ABOUT OCEAN-RELATED TOPICS.

MOTE ALSO PRESENTS ON-SITE EXPERIENCES FOR STUDENTS THROUGH SCHOOL AND PUBLIC PROGRAMS, SUMMER CAMPS AND INTERNSHIP PROGRAMS - INCLUDING THE NATIONAL SCIENCE FOUNDATION-FUNDED RESEARCH EXPERIENCES FOR UNDERGRADUATES (REU), WHICH ALLOWS UNDERGRADUATE COLLEGE STUDENTS THE OPPORTUNITY TO UNDERTAKE SCIENTIFIC STUDIES UNDER THE DIRECT MENTORSHIP OF A PH.D.-LEVEL RESEARCHER. IN 2015, MOTE CELEBRATED ITS TWELFTH SUCCESSFUL YEAR OF HOSTING THIS NATIONAL SCIENCE FOUNDATION-FUNDED PROGRAM, WHICH IS DESIGNED TO ENCOURAGE STUDENTS INTERESTED IN STEM FIELDS.

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IN 2015, NINE STUDENTS WERE GIVEN THE OPPORTUNITY TO STUDY MARINE SCIENCE AT MOTE THANKS TO THE GENEROSITY OF KEITH AND LINDA MONDA. FOUR OF THE STUDENTS WERE PART OF MOTE'S REU PROGRAM AND FIVE OF THE STUDENTS WERE PART OF MOTE'S AND THE NATURE CONSERVANCY'S RESEARCH EXPERIENCES FOR UNDERGRADUATES - LEAF ALUMNI PROGRAM, WHICH OFFERS HIGH SCHOOL STUDENTS WHO PARTICIPATED IN THE CONSERVANCY'S HIGH SCHOOL INTERNSHIP PROGRAM, LEADERS IN ENVIRONMENTAL ACTION FOR THE FUTURE (LEAF), A WAY TO CONTINUE THEIR INTERNSHIP EXPERIENCES AS COLLEGE UNDERGRADUATE STUDENTS.

THE TWO INTERNSHIP PROGRAMS CONSIST OF 10 WEEKS OF RESEARCH-BASED CURRICULUM DESIGNED TO PROVIDE HANDS-ON OPPORTUNITIES FOR STUDENTS TO CONDUCT SCIENTIFIC RESEARCH UNDER THE MENTORSHIP OF MOTE SCIENTISTS.

IN 2015, MOTE TEAMED UP WITH FOUR SARASOTA-MANATEE UNIVERSITIES DURING THE 2015-2016 SCHOOL YEAR TO OFFER ELEVEN LOCAL UNIVERSITY STUDENTS AN INTENSIVE MARINE SCIENCE INTERNSHIP EXPERIENCE. THE NEW MOTE REU-USFSM PROGRAM GREW FROM THE ONGOING EDUCATIONAL PARTNERSHIP BETWEEN MOTE AND UNIVERSITY OF SOUTH FLORIDA SARASOTA-MANATEE (USFSM).

THE PROGRAM PROVIDES PAID RESEARCH-TRAINING EXPERIENCES TO UNDERGRADUATE STUDENTS WHO ARE ENROLLED IN USFSM COURSES. FUNDING SUPPORT FOR ALL REU-USFSM INTERNS IS PROVIDED BY THE STATE OF FLORIDA WITH THE GOAL OF ADVANCING STEM EDUCATION.

INTERNS ARE EXPECTED TO COMPLETE A MINIMUM OF 160 HOURS OF RESEARCH EXPERIENCE BETWEEN THE FALL AND SPRING SEMESTER. START AND END DATES DURING THIS PERIOD ARE TAILORED TO SPECIFIC RESEARCH PROJECTS.

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IN ALL, OUR SCHOOL AND PUBLIC PROGRAMS REACHED 29,458 CHILDREN AND ADULTS THROUGH OUR SPECIAL PROGRAMMING, AND OUR MOTE MOBILE AND OTHER TRAVELING EXHIBITS REACHED MORE THAN 95,780 NATIONALLY AND INTERNATIONALLY. MOTE'S SUMMER PROGRAMS REACHED AN ALL-TIME RECORD OF 833 ENROLLED PARTICIPANTS.

MOTE VOLUNTEERS ALSO PLAY A STRONG ROLE IN HELPING MOTE TO ACCOMPLISH ITS MISSION BY SHARING THEIR TIME AND EXPERTISE AS AQUARIUM DOCENTS, BEHIND-THE-SCENES CONTRIBUTORS AND EVEN LABORATORY RESEARCH ASSISTANTS. IN 2015, 1,642 VOLUNTEERS CONTRIBUTED MORE THAN 224,697 SERVICE HOURS TO MOTE.

FORM 990, PART III, LINE 4D, OTHER PROGRAM SERVICES:

PROTECT OUR REEFS

FLORIDA HAS THE ONLY BARRIER CORAL REEF SYSTEM IN THE CONTINENTAL U.S. IT'S LIKE HAVING THE GRAND CANYON UNDERWATER - A NATURAL TREASURE THAT TOOK MILLIONS OF YEARS TO CREATE AND DESERVES OUR PROTECTION.

SADLY, CORALS ARE IN DECLINE WORLDWIDE. RESEARCH IS HELPING TO UNDERSTAND WHY AND WHAT TO DO ABOUT IT. EDUCATION AND CONSERVATION EFFORTS CAN HELP REDUCE HUMAN IMPACT ON THESE PRECIOUS RESOURCES, AND INNOVATIVE CORAL RESTORATION RESEARCH CAN HELP BRING CORAL REEFS BACK FROM THE BRINK OF DISAPPEARING FROM OUR OCEANS.

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TO HELP SUPPORT MARINE RESEARCH, CONSERVATION AND EDUCATION EFFORTS
DESIGNED AT SAVING FLORIDA'S REEF, MOTE MARINE LABORATORY SPONSORED THE
CREATION OF THE PROTECT OUR REEFS SPECIALTY LICENSE PLATE IN FLORIDA.
THE PLATE WAS APPROVED BY THE FLORIDA LEGISLATURE IN JULY 2003. MOTE
ADMINISTERS THESE FUNDS.

FOR EACH REEF PLATE PURCHASED BY A FLORIDA-LICENSED DRIVER, \$25 IS USED
TO SUPPORT CORAL REEF RESEARCH, CONSERVATION AND OUTREACH PROGRAMS,
INCLUDING A SPECIAL PROTECT OUR REEFS GRANTS PROGRAM. IN ADDITION TO
SUPPORTING MOTE RESEARCH PROGRAMS, THIS PROGRAM ALLOWS OTHER
FLORIDA-BASED ORGANIZATIONS TO APPLY FOR FUNDS FOR STUDIES THAT ARE
DESIGNED TO HELP UNDERSTAND THE ISSUES OUR REEFS ARE FACING AND
INVESTIGATE WAYS TO IMPROVE REEF HEALTH. 37.5% OF REVENUES SUPPORTS
GRANTS AND AN ADDITIONAL 37.5% OF REVENUES SUPPORTS MOTE CORAL REEF
RESEARCH.

IN 2015, THE PROTECT OUR REEFS LICENSE PLATE SALES RAISED \$336,225 FOR
GRANTS FOCUSED ON CORAL REEF RESEARCH, RESTORATION, EDUCATION AND
CONSERVATION. THESE EFFORTS ARE HELPING SOCIETY GAIN A MORE
COMPREHENSIVE PICTURE OF WHY CORALS ARE IN DECLINE AND THE FACTORS THAT
KEEP CORALS HEALTHY. THE OUTREACH PROGRAMS HELP FLORIDA RESIDENTS AND
TOURISTS BETTER UNDERSTAND CORAL REEF ECOSYSTEMS AND HOW HUMAN ACTIVITY
AFFECTS THEM AND HOW THEY CAN PROACTIVELY ASSIST IN PROTECTING AND
RESTORING CORAL REEFS.

FLORIDA DRIVERS WHO PURCHASE THE STATE'S PROTECT OUR REEFS SPECIALTY
LICENSE PLATE ARE SUPPORTING PROGRAMS LIKE THIS THAT HELP US ATTACK
CORAL REEF PROBLEMS ON A NUMBER OF FRONTS.

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AQUACULTURE PARK

MOTE AQUACULTURE PARK FACILITY OPERATIONS

MOTE HAS A 200-ACRE, STATE-OF-THE-ART AQUACULTURE RESEARCH FACILITY SUPPORTING THE CONSERVATION OF THE WORLD'S FISHERIES AND SUSTAINABLE SEAFOOD PRODUCTION. THE PARK INCLUDES MORE THAN 125,000 SQUARE FEET OF RESEARCH AND DEVELOPMENT FACILITIES DEDICATED TO MOTE'S MARINE AND FRESHWATER AQUACULTURE RESEARCH PROGRAM AND TO SUSTAINABLE PRODUCTION OF SIBERIAN STURGEON AND CAVIAR. THE STURGEON AND CAVIAR OPERATION, PIONEERED BY MOTE, IS NOW OPERATED BY THE HEALTHY EARTH BRAND OF THE COMPANY SOUTHEAST VENTURE HOLDINGS, WHICH PURCHASED ITS LICENSE IN 2014. MOTE STILL OWNS THE ENTIRE 200-ACRE PARK AND CONTINUES RESEARCH THERE.

AT THE PARK, MOTE SCIENTISTS STUDY THE GROWTH, SPAWNING, HEALTH AND OTHER CHARACTERISTICS OF SALTWATER SPECIES SUCH AS COMMON SNOOK, POMPAÑO AND RED DRUM FOR RESTOCKING PROGRAMS, RESEARCH AND TECHNOLOGY DEVELOPMENT FOR SUSTAINABLE SEAFOOD PRODUCTION.

THROUGH ITS EFFORTS WITH FRESHWATER SIBERIAN STURGEON, IN 2006 MOTE BECAME THE FIRST ORGANIZATION IN FLORIDA TO PRODUCE CAVIAR - DEMONSTRATING THAT LARGE-SCALE AQUACULTURE PRODUCTION USING WATER RECIRCULATING TECHNOLOGIES WAS FEASIBLE IN THE STATE.

2015 HIGHLIGHTS:

MOTE-AQUACULTURED, SALTWATER FISH AND VEGETABLES MADE THEIR WAY INTO

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SOUTHWEST FLORIDA'S ECO-FRIENDLY FOOD SCENE. SEA VEGETABLES AND RED DRUM (REDFISH) GROWN AT MOTE AQUACULTURE RESEARCH PARK USING MARINE AQUAPONICS - RAISING SEAFOOD WHILE USING THE WASTEWATER TO FERTILIZE SALT-LOVING CROPS - WERE SOLD IN 2015 TO RESTAURANTS FROM SARASOTA TO TAMPA, AND ITS SEA PURSLANE AND SALTWORT - EDIBLE SEA VEGETABLES - WERE BEING SERVED IN LOCAL RESTAURANTS AND SOLD AT THE SARASOTA FARMERS MARKET.

MOTE SCIENTISTS AND THEIR COLLABORATORS WON A SOUTHWEST FLORIDA INNOVATORS' COMPETITION LIKENED TO THE XPRIZE. THE PROJECT "HEALTHY EARTH-GULF COAST: SUSTAINABLE SEAFOOD SYSTEM" WON THE GULF COAST INNOVATION CHALLENGE'S GRAND PRIZE - A \$375,000 GRANT. THE PROJECT AIMS TO BUILD A THRIVING, LOCAL SEAFOOD INDUSTRY, ESPECIALLY BY ENHANCING THE SUSTAINABILITY AND ECONOMIC IMPACT OF THE HERITAGE FISHERY FOR GREY STRIPED MULLET THAT IS BASED IN CORTEZ, FLORIDA. MOTE RESEARCHERS, KNOWN INTERNATIONALLY FOR THEIR EXPERTISE WITH SUSTAINABLE FISH FARMING, WILL PLAY A LEAD ROLE IN DEVELOPING AND TESTING THE FISH MEAL AND OIL DERIVED FROM MULLET BYPRODUCTS.

MOTE HOSTED CHINESE SCIENTISTS FROM THE YELLOW SEA FISHERIES RESEARCH INSTITUTE (YSFRI), WHO MET WITH MOTE'S AQUACULTURE AND FISHERIES SCIENTISTS TO EXCHANGE KNOWLEDGE UNDER A LONG-TERM AGREEMENT DESIGNED TO BENEFIT FISHERIES.

FIVE YEARS AFTER THE DEEPWATER HORIZON OIL SPILL, MOTE SENIOR SCIENTISTS DR. DANA WETZEL AND DR. KEVAN MAIN CONTINUED TO ADVANCE RELATED RESEARCH, STUDYING HOW SPECIFIC LEVELS OF OIL COMPONENTS AFFECT FISH UNDER HIGHLY CONTROLLED CONDITIONS IN THE LAB. LAB STUDIES HAVE

Name of the organization

MOTE MARINE LABORATORY, INC.

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FOCUSED ON RED DRUM, POMPAÑO, AND SOUTHERN FLOUNDER AT MOTE AQUACULTURE RESEARCH PARK.

MEMBERSHIP

IN 2015, MOTE MARINE LABORATORY AND AQUARIUM WAS FORTUNATE TO CONTINUE STRENGTHENING OUR 7,200 HOUSEHOLD MEMBERSHIP PROGRAM. MEMBERSHIP DUES PROVIDE UNRESTRICTED FUNDS THAT ARE PUT TO WHERE THE NEED IS GREATEST ANNUALLY TO SUPPORT MOTE'S OVERALL MISSION OF RESEARCH AND EDUCATION. INDIVIDUAL MEMBERSHIP LEVELS BEGIN AT \$65 AND RISE TO \$1,000. MEMBERSHIP BENEFITS INCLUDE UNRESTRICTED VISITS TO MOTE AQUARIUM WITH THE NUMBER OF GUESTS ALLOWED BASED ON INDIVIDUAL MEMBERSHIP LEVELS; DISCOUNTS IN THE AQUARIUM SHOPS; FREE SPECIAL MEMBER-ONLY EVENTS; DISCOUNTS ON EDUCATION PROGRAMS AND CAMPS; FREE AND DISCOUNTED ADMISSIONS TO MORE THAN 100 ZOOS AND AQUARIUMS ACROSS THE UNITED STATES AND MUCH MORE. FOR A COMPLETE LIST OF MEMBERSHIP LEVELS, BENEFITS AND OPPORTUNITIES PLEASE VISIT OUR WEBSITE AT WWW.MOTE.ORG/MEMBERSHIP

EXPENSES \$ 2,217,472. INCLUDING GRANTS OF \$ 87,790. REVENUE \$ 2,529,458

FORM 990, PART VI, SECTION A, LINE 1:

THE PRESIDENT/CEO IS A VOTING BOARD MEMBER. WHEN ISSUES ARISE THAT MAY CAUSE A CONFLICT OF INTEREST, HE RECUSES HIMSELF.

FORM 990, PART VI, SECTION B, LINE 11:

THE FORM 990 IS PREPARED BY AN OUTSIDE ACCOUNTING FIRM WITH INFORMATION FROM THE ANNUAL AUDIT AND SENIOR MANAGEMENT. THE FINAL FORM 990 IS REVIEWED BY THE CEO AND CFO. PRIOR TO FILING, FORM 990 IS SIGNED BY THE CEO AND PROVIDED TO THE BOARD OF TRUSTEES.

Name of the organization MOTE MARINE LABORATORY, INC.	Employer identification number 59-0756643
-----------------------------------------------------------------	-----------------------------------------------------

FORM 990, PART VI, SECTION B, LINE 12C:

TRUSTEES, OFFICERS AND KEY EMPLOYEES ARE REQUIRED TO DISCLOSE ANNUALLY INTERESTS THAT COULD GIVE RISE TO CONFLICTS OF INTEREST. A CONFLICT OF INTEREST POLICY AND DISCLOSURE STATEMENT IS DISTRIBUTED AT THE ANNUAL BOARD MEETING OR OTHER TIMES AS NEEDED. ALL SIGNED DISCLOSURES ARE COLLECTED WITH A FOLLOW UP UNTIL RETURNED. THEY ARE REVIEWED BY THE PRESIDENT OR CFO AND BROUGHT TO THE AUDIT COMMITTEE IF NEEDED FOR DETERMINATION.

FORM 990, PART VI, SECTION B, LINE 15:

THE COMPENSATION FOR THE CEO IS DETERMINED BY THE CEO EVALUATION/COMPENSATION COMMITTEE. THE COMMITTEE BASES THEIR DECISION ON COMPENSATION DATA FROM COMPARABLE INSTITUTIONS AND A COMPREHENSIVE WRITTEN SUMMARY OF ACTIVITIES BY THE CEO. THE COMPENSATION FOR THE CFO IS DETERMINED BY THE CEO AFTER A BOARD APPROVED BUDGET RATE OF INCREASE. ALL DELIBERATION AND DECISIONS ARE CONTEMPORANEOUSLY SUBSTANTIATED.

FORM 990, PART VI, SECTION C, LINE 19:

THE GOVERNING DOCUMENTS INCLUDING THE ARTICLES OF INCORPORATION AND BY-LAWS, THE CONFLICT OF INTEREST POLICY, THE FORM 990 AND THE ANNUAL AUDITED FINANCIAL STATEMENTS ARE AVAILABLE UPON REQUEST. THE ANNUAL AUDITED FINANCIAL STATEMENT IS ALSO AVAILABLE ON WWW.MOTE.ORG

FORM 990, PART XI, LINE 9, CHANGES IN NET ASSETS:

CHANGE IN BENEFICIAL INTEREST IN NET ASSETS OF MOTE MARINE FOUNDATION, INC.	-1,474,751.
ROUNDING	2.
TOTAL TO FORM 990, PART XI, LINE 9	-1,474,749.

Name of the organization MOTE MARINE LABORATORY, INC.	Employer identification number 59-0756643
-----------------------------------------------------------------	-----------------------------------------------------

FORM 990, PART XII, LINE 2C AUDIT REVIEW PROCESS

THERE HAS BEEN NO CHANGE IN THE AUDIT REVIEW PROCESS FROM THE PRIOR YEAR.

**SCHEDULE R
(Form 990)**

Department of the Treasury
Internal Revenue Service

Related Organizations and Unrelated Partnerships

▶ Complete if the organization answered "Yes" on Form 990, Part IV, line 33, 34, 35b, 36, or 37.
▶ Attach to Form 990.

▶ Information about Schedule R (Form 990) and its instructions is at www.irs.gov/form990.

OMB No. 1545-0047

2015

Open to Public Inspection

Name of the organization

MOTE MARINE LABORATORY, INC.

Employer identification number
59-0756643

Part I Identification of Disregarded Entities Complete if the organization answered "Yes" on Form 990, Part IV, line 33.

(a) Name, address, and EIN (if applicable) of disregarded entity	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Total income	(e) End-of-year assets	(f) Direct controlling entity

Part II Identification of Related Tax-Exempt Organizations Complete if the organization answered "Yes" on Form 990, Part IV, line 34 because it had one or more related tax-exempt organizations during the tax year.

(a) Name, address, and EIN of related organization	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Exempt Code section	(e) Public charity status (if section 501(c)(3))	(f) Direct controlling entity	(g) Section 512(b)(13) controlled entity?	
						Yes	No
MOTE MARINE FOUNDATION, INC. - 59-2226800 1600 KEN THOMPSON PARKWAY SARASOTA, FL 34236	PROVIDES FUNDS TO SUPPORT MOTE MARINE LABORATORY	FLORIDA	501(C)(3)	LINE 11A, I			X

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule R (Form 990) 2015

Part V Transactions With Related Organizations Complete if the organization answered "Yes" on Form 990, Part IV, line 34, 35b, or 36.

Note. Complete line 1 if any entity is listed in Parts II, III, or IV of this schedule.

1 During the tax year, did the organization engage in any of the following transactions with one or more related organizations listed in Parts II-IV?

	Yes	No
a Receipt of (i) interest, (ii) annuities, (iii) royalties, or (iv) rent from a controlled entity		X
b Gift, grant, or capital contribution to related organization(s)		X
c Gift, grant, or capital contribution from related organization(s)	X	
d Loans or loan guarantees to or for related organization(s)	X	
e Loans or loan guarantees by related organization(s)	X	
f Dividends from related organization(s)		X
g Sale of assets to related organization(s)		X
h Purchase of assets from related organization(s)		X
i Exchange of assets with related organization(s)		X
j Lease of facilities, equipment, or other assets to related organization(s)	X	
k Lease of facilities, equipment, or other assets from related organization(s)		X
l Performance of services or membership or fundraising solicitations for related organization(s)	X	
m Performance of services or membership or fundraising solicitations by related organization(s)	X	
n Sharing of facilities, equipment, mailing lists, or other assets with related organization(s)	X	
o Sharing of paid employees with related organization(s)	X	
p Reimbursement paid to related organization(s) for expenses		X
q Reimbursement paid by related organization(s) for expenses	X	
r Other transfer of cash or property to related organization(s)		X
s Other transfer of cash or property from related organization(s)	X	

2 If the answer to any of the above is "Yes," see the instructions for information on who must complete this line, including covered relationships and transaction thresholds.

(a) Name of related organization	(b) Transaction type (a-s)	(c) Amount involved	(d) Method of determining amount involved
(1)			
(2)			
(3)			
(4)			
(5)			
(6)			

Part VII Supplemental Information

Provide additional information for responses to questions on Schedule R (see instructions).

Multiple horizontal lines for supplemental information.

Report of Employer-Owned Life Insurance Contracts

▶ Attach to the policyholder's tax return - See instructions.

Name(s) shown on return MOTE MARINE LABORATORY, INC.	Identifying number 59-0756643
Name of policyholder, if different from above	Identifying number, if different from above

Type of business
NONPROFIT

1 Enter the number of employees the policyholder had at the end of the tax year	1	206.
2 Enter the number of employees included on line 1 who were insured at the end of the tax year under the policyholder's employer-owned life insurance contract(s) issued after August 17, 2006. See <i>Section 1035 exchanges</i> for an exception	2	1.
3 Enter the total amount of employer-owned life insurance in force at the end of the tax year for employees who were insured under the contract(s) specified on line 2	3	25,000.
4a Does the policyholder have a valid consent (see instructions) for each employee included on line 2? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
b If "No," enter the number of employees included on line 2 for whom the policyholder does not have a valid consent	4b	

• If you are filing for an **Additional (Not Automatic) 3-Month Extension**, complete only **Part II** and check this box **X**

Note. Only complete Part II if you have already been granted an automatic 3-month extension on a previously filed Form 8868.

• If you are filing for an **Automatic 3-Month Extension**, complete only **Part I** (on page 1).

Part II Additional (Not Automatic) 3-Month Extension of Time. Only file the original (no copies needed).

Enter filer's identifying number, see instructions

Type or print File by the due date for filing your return. See instructions.	Name of exempt organization or other filer, see instructions. MOTE MARINE LABORATORY, INC.	Employer identification number (EIN) or 59-0756643
	Number, street, and room or suite no. If a P.O. box, see instructions. 1600 KEN THOMPSON PARKWAY	Social security number (SSN)
	City, town or post office, state, and ZIP code. For a foreign address, see instructions. SARASOTA, FL 34236	

Enter the Return code for the return that this application is for (file a separate application for each return)

Application Is For	Return Code	Application Is For	Return Code
Form 990 or Form 990-EZ	01		
Form 990-BL	02	Form 1041-A	08
Form 4720 (individual)	03	Form 4720 (other than individual)	09
Form 990-PF	04	Form 5227	10
Form 990-T (sec. 401(a) or 408(a) trust)	05	Form 6069	11
Form 990-T (trust other than above)	06	Form 8870	12

STOP! Do not complete Part II if you were not already granted an automatic 3-month extension on a previously filed Form 8868.

DENA SMITH @ MOTE MARINE LABORATORY

• The books are in the care of **1600 KEN THOMPSON PARKWAY - SARASOTA, FL 34236**

Telephone No. **941-388-4441**

Fax No.

• If the organization does not have an office or place of business in the United States, check this box

• If this is for a Group Return, enter the organization's four digit Group Exemption Number (GEN) . If this is for the whole group, check this box . If it is for part of the group, check this box and attach a list with the names and EINs of all members the extension is for.

4 I request an additional 3-month extension of time until **NOVEMBER 15, 2016**.

5 For calendar year **2015**, or other tax year beginning _____, and ending _____.

6 If the tax year entered in line 5 is for less than 12 months, check reason: Initial return Final return
 Change in accounting period

7 State in detail why you need the extension

TAXPAYER REQUIRES ADDITIONAL TIME TO GATHER INFORMATION NECESSARY TO FILE A COMPLETE AND ACCURATE RETURN.

8a If this application is for Forms 990-BL, 990-PF, 990-T, 4720, or 6069, enter the tentative tax, less any nonrefundable credits. See instructions.	8a	\$	0.
b If this application is for Forms 990-PF, 990-T, 4720, or 6069, enter any refundable credits and estimated tax payments made. Include any prior year overpayment allowed as a credit and any amount paid previously with Form 8868.	8b	\$	0.
c Balance due. Subtract line 8b from line 8a. Include your payment with this form, if required, by using EFTPS (Electronic Federal Tax Payment System). See instructions.	8c	\$	0.

Signature and Verification must be completed for Part II only.

Under penalties of perjury, I declare that I have examined this form, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete, and that I am authorized to prepare this form.

Signature

Title

Date