

Form **990**
 Department of the Treasury
 Internal Revenue Service

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

▶ The organization may have to use a copy of this return to satisfy state reporting requirements

OMB No 1545-0047
2011
Open to Public Inspection

A For the 2011 calendar year, or tax year beginning 10-01-2011 and ending 09-30-2012

B Check if applicable: <input type="checkbox"/> Address change <input type="checkbox"/> Name change <input type="checkbox"/> Initial return <input type="checkbox"/> Terminated <input type="checkbox"/> Amended return <input type="checkbox"/> Application pending	C Name of organization TMT OBSERVATORY CORPORATION Doing Business As Number and street (or P O box if mail is not delivered to street address) Room/suite 1111 SOUTH ARROYO PARKWAY City or town, state or country, and ZIP + 4 PASADENA, CA 91105 F Name and address of principal officer EDWARD STONE 1111 SO ARROYO PKWY STE 200 PASADENA, CA 91105	D Employer identification number 20-0988966 E Telephone number (626) 395-1610 G Gross receipts \$ 15,294,555 H(a) Is this a group return for affiliates? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No H(b) Are all affiliates included? <input type="checkbox"/> Yes <input type="checkbox"/> No If "No," attach a list (see instructions) H(c) Group exemption number ▶
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		
J Website: ▶ WWW TMT ORG		
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 2004 M State of legal domicile CA

Part I Summary

1	Briefly describe the organization's mission or most significant activities SEE SCHEDULE O			
2 Check this box <input type="checkbox"/> if the organization discontinued its operations or disposed of more than 25% of its net assets				
Activities & Governance	3 Number of voting members of the governing body (Part VI, line 1a)	3		6
	4 Number of independent voting members of the governing body (Part VI, line 1b)	4		6
	5 Total number of individuals employed in calendar year 2011 (Part V, line 2a)	5		30
	6 Total number of volunteers (estimate if necessary)	6		0
	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		
	Revenue	8 Contributions and grants (Part VIII, line 1h)	Prior Year	
9 Program service revenue (Part VIII, line 2g)		15,000,000		15,293,700
10 Investment income (Part VIII, column (A), lines 3, 4, and 7d)		0		0
11 Other revenue (Part VIII, column (A), lines 5, 6d, 8c, 9c, 10c, and 11e)		1,104		855
12 Total revenue—add lines 8 through 11 (must equal Part VIII, column (A), line 12)		0		0
		15,001,104		15,294,555
Expenses	13 Grants and similar amounts paid (Part IX, column (A), lines 1–3)	64,521		15,000
	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)	6,233,387		6,152,439
	16a Professional fundraising fees (Part IX, column (A), line 11e)	0		0
	b Total fundraising expenses (Part IX, column (D), line 25) ▶ ⁰			
	17 Other expenses (Part IX, column (A), lines 11a–11d, 11f–24e)	9,835,898		6,886,575
18 Total expenses Add lines 13–17 (must equal Part IX, column (A), line 25)	16,133,806		13,054,014	
19 Revenue less expenses Subtract line 18 from line 12	-1,132,702		2,240,541	
Net Assets or Fund Balances		Beginning of Current Year		End of Year
	20 Total assets (Part X, line 16)	11,088,199		12,346,367
	21 Total liabilities (Part X, line 26)	3,137,020		2,154,647
22 Net assets or fund balances Subtract line 21 from line 20	7,951,179		10,191,720	

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 _____ EDWARD STONE VICE CHAIRMAN Type or print name and title	Date 2013-08-12
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Paid Preparer's Use Only	Preparer's signature ▶ PRICEWATERHOUSECOOPERS LLP Firm's name (or yours if self-employed), address, and ZIP + 4 ▶ PRICEWATERHOUSECOOPERS LLP 125 HIGH STREET BOSTON, MA 02110	Date	Check if self-employed <input type="checkbox"/>	Preparer's taxpayer identification number (see instructions) EIN ▶ Phone no ▶ (617) 530-5000
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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 to any question in this Part III Yes No

1 Briefly describe the organization's mission
SEE SCHEDULE O

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 No
If "Yes," describe these new services on Schedule O

3 Did the organization cease conducting, or make significant changes in how it conducts, any program services? Yes No
If "Yes," describe these changes on Schedule O

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 and section 4947(a)(1) trusts 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 \$ 11,370,146 including grants of \$ 15,000) (Revenue \$)
SEE SCHEDULE O

4b (Code) (Expenses \$ including grants of \$) (Revenue \$)

4c (Code) (Expenses \$ including grants of \$) (Revenue \$)

4d Other program services (Describe in Schedule O)
(Expenses \$ including grants of \$) (Revenue \$)

4e Total program service expenses \$ 11,370,146

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> <input checked="" type="checkbox"/>	Yes	
2 Is the organization required to complete <i>Schedule B, Schedule of Contributors</i> (see instructions)? <input checked="" type="checkbox"/>	Yes	
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>		No
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>		No
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>		No
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> <input checked="" type="checkbox"/>		No
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> <input checked="" type="checkbox"/>		No
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> <input checked="" type="checkbox"/>		No
9 Did the organization report an amount in Part X, line 21, 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> <input checked="" type="checkbox"/>		No
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> <input checked="" type="checkbox"/>		No
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> <input checked="" type="checkbox"/>	Yes	
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> <input checked="" type="checkbox"/>		No
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> <input checked="" type="checkbox"/>		No
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> <input checked="" type="checkbox"/>		No
e Did the organization report an amount for other liabilities in Part X, line 25? <i>If "Yes," complete Schedule D, Part X.</i> <input checked="" type="checkbox"/>	Yes	
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> <input checked="" type="checkbox"/>		No
12a Did the organization obtain separate, independent audited financial statements for the tax year? <i>If "Yes," complete Schedule D, Parts XI, XII, and XIII.</i> <input checked="" type="checkbox"/>	Yes	
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, XII, and XIII is optional.</i> <input checked="" type="checkbox"/>		No
13 Is the organization a school described in section 170(b)(1)(A)(ii)? <i>If "Yes," complete Schedule E.</i>		No
14a Did the organization maintain an office, employees, or agents outside of the United States?	Yes	
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, Part I.</i> <input checked="" type="checkbox"/>	Yes	
15 Did the organization report on Part IX, column (A), line 3, more than \$5,000 of grants or assistance to any organization or entity located outside the U S? <i>If "Yes," complete Schedule F, Part II and IV.</i> <input checked="" type="checkbox"/>		No
16 Did the organization report on Part IX, column (A), line 3, more than \$5,000 of aggregate grants or assistance to individuals located outside the U S? <i>If "Yes," complete Schedule F, Part III and IV.</i> <input checked="" type="checkbox"/>		No
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>		No
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>		No
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>		No
20a Did the organization operate one or more hospitals? <i>If "Yes," complete Schedule H.</i>		No
b If "Yes" to line 20a, did the organization attach its audited financial statement to this return? Note. All Form 990 filers that operated one or more hospitals must attach audited financial statements.		
20b		

Part IV Checklist of Required Schedules *(continued)*

21 Did the organization report more than \$5,000 of grants and other assistance to governments and organizations in the United States on Part IX, column (A), line 1? <i>If "Yes," complete Schedule I, Parts I and II</i>	21	Yes	
22 Did the organization report more than \$5,000 of grants and other assistance to individuals in the United States on Part IX, column (A), line 2? <i>If "Yes," complete Schedule I, Parts I and III</i>	22		No
23 Did the organization answer "Yes" to Part VII, Section A, questions 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>	23	Yes	
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 questions 24b-24d and complete Schedule K. If "No," go to line 25</i>	24a		No
b Did the organization invest any proceeds of tax-exempt bonds beyond a temporary period exception?	24b		
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?	24c		
d Did the organization act as an "on behalf of" issuer for bonds outstanding at any time during the year?	24d		
25a Section 501(c)(3) and 501(c)(4) 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>	25a		No
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>	25b		No
26 Was a loan to or by a current or former officer, director, trustee, key employee, highly compensated employee, or disqualified person outstanding as of the end of the organization's tax year? <i>If "Yes," complete Schedule L, Part II</i>	26		No
27 Did the organization provide a grant or other assistance to an officer, director, trustee, key employee, substantial contributor, or a grant selection committee member, or to a person related to such an individual? <i>If "Yes," complete Schedule L, Part III</i>	27		No
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>	28a		No
b A family member of a current or former officer, director, trustee, or key employee? <i>If "Yes," complete Schedule L, Part IV</i>	28b		No
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 owner? <i>If "Yes," complete Schedule L, Part IV</i>	28c		No
29 Did the organization receive more than \$25,000 in non-cash contributions? <i>If "Yes," complete Schedule M</i>	29		No
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>	30		No
31 Did the organization liquidate, terminate, or dissolve and cease operations? <i>If "Yes," complete Schedule N, Part I</i>	31		No
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>	32		No
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>	33		No
34 Was the organization related to any tax-exempt or taxable entity? <i>If "Yes," complete Schedule R, Parts II, III, IV, and V, line 1</i>	34		No
35a Is any related organization a controlled entity of the filing organization within the meaning of section 512(b)(13)?	35a		No
b 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>	35b		No
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>	36		No
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>	37		No
38 Did the organization complete Schedule O and provide explanations in Schedule O for Part VI, lines 11 and 19? Note. All Form 990 filers are required to complete Schedule O	38	Yes	

Part V Statements Regarding Other IRS Filings and Tax Compliance

Check if Schedule O contains a response to any question in this Part V

		Yes	No
1a	Enter the number reported in Box 3 of Form 1096. Enter -0- if not applicable. .		
	1a 0		
b	Enter the number of Forms W-2G included in line 1a. Enter -0- if not applicable.		
	1b 0		
c	Did the organization comply with backup withholding rules for reportable payments to vendors and reportable gaming (gambling) winnings to prize winners?	1c	
2a	Enter the number of employees reported on Form W-3, <i>Transmittal of Wage and Tax Statements</i> filed for the calendar year ending with or within the year covered by this return.		
	2a 30		
b	If at least one is reported on line 2a, did the organization file all required federal employment tax returns? Note. If the sum of lines 1a and 2a is greater than 250, you may be required to e-file (see instructions).	2b Yes	
3a	Did the organization have unrelated business gross income of \$1,000 or more during the year?	3a	No
b	If "Yes," has it filed a Form 990-T for this year? If "No," provide an explanation in Schedule O.	3b	
4a	At any time during the calendar year, did the organization have an interest in, or a signature or other authority over, a financial account in a foreign country (such as a bank account or securities account)?	4a	No
b	If "Yes," enter the name of the foreign country: _____ See instructions for filing requirements for Form TD F 90-22.1, Report of Foreign Bank and Financial Accounts.		
5a	Was the organization a party to a prohibited tax shelter transaction at any time during the tax year?	5a	No
b	Did any taxable party notify the organization that it was or is a party to a prohibited tax shelter transaction?	5b	No
c	If "Yes" to line 5a or 5b, did the organization file Form 8886-T?	5c	
6a	Does the organization have annual gross receipts that are normally greater than \$100,000, and did the organization solicit any contributions that were not tax deductible?	6a	No
b	If "Yes," did the organization include with every solicitation an express statement that such contributions or gifts were not tax deductible?	6b	
7	Organizations that may receive deductible contributions under section 170(c).		
a	Did the organization receive a payment in excess of \$75 made partly as a contribution and partly for goods and services provided to the payor?	7a	No
b	If "Yes," did the organization notify the donor of the value of the goods or services provided?	7b	
c	Did the organization sell, exchange, or otherwise dispose of tangible personal property for which it was required to file Form 8282?	7c	No
d	If "Yes," indicate the number of Forms 8282 filed during the year.	7d	
e	Did the organization receive any funds, directly or indirectly, to pay premiums on a personal benefit contract?	7e	No
f	Did the organization, during the year, pay premiums, directly or indirectly, on a personal benefit contract?	7f	No
g	If the organization received a contribution of qualified intellectual property, did the organization file Form 8899 as required?	7g	
h	If the organization received a contribution of cars, boats, airplanes, or other vehicles, did the organization file a Form 1098-C?	7h	
8	Sponsoring organizations maintaining donor advised funds and section 509(a)(3) supporting organizations. Did the supporting organization, or a donor advised fund maintained by a sponsoring organization, have excess business holdings at any time during the year?	8	
9	Sponsoring organizations maintaining donor advised funds.		
a	Did the organization make any taxable distributions under section 4966?	9a	
b	Did the organization make a distribution to a donor, donor advisor, or related person?	9b	
10	Section 501(c)(7) organizations. Enter		
a	Initiation fees and capital contributions included on Part VIII, line 12.	10a	
b	Gross receipts, included on Form 990, Part VIII, line 12, for public use of club facilities.	10b	
11	Section 501(c)(12) organizations. Enter		
a	Gross income from members or shareholders.	11a	
b	Gross income from other sources (Do not net amounts due or paid to other sources against amounts due or received from them).	11b	
12a	Section 4947(a)(1) non-exempt charitable trusts. Is the organization filing Form 990 in lieu of Form 1041?	12a	
b	If "Yes," enter the amount of tax-exempt interest received or accrued during the year.	12b	
13	Section 501(c)(29) qualified nonprofit health insurance issuers.		
a	Is the organization licensed to issue qualified health plans in more than one state? Note. All 501(c)(29) organizations must list in Schedule O each state in which they are licensed to issue qualified health plans, the amount of reserves required by each state, and the amount of reserves the organization allocated to each state.	13a	
b	Enter the aggregate amount of reserves the organization is required to maintain by the states in which the organization is licensed to issue qualified health plans.	13b	
c	Enter the aggregate amount of reserves on hand.	13c	
14a	Did the organization receive any payments for indoor tanning services during the tax year?	14a	No
b	If "Yes," has it filed a Form 720 to report these payments? If "No," provide an explanation in Schedule O.	14b	

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

Check if Schedule O contains a response to any question 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		
1b	Enter the number of voting members included in line 1a, above, who are independent		
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?	Yes	
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?		No
4	Did the organization make any significant changes to its governing documents since the prior Form 990 was filed?		No
5	Did the organization become aware during the year of a significant diversion of the organization's assets?		No
6	Did the organization have members or stockholders?	Yes	
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?	Yes	
7b	Are any governance decisions of the organization reserved to (or subject to approval by) members, stockholders, or persons other than the governing body?	Yes	
8	Did the organization contemporaneously document the meetings held or written actions undertaken during the year by the following		
8a	The governing body?	Yes	
8b	Each committee with authority to act on behalf of the governing body?	Yes	
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		No

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?		No
10b	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?		
11a	Has the organization provided a complete copy of this Form 990 to all members of its governing body before filing the form?	Yes	
11b	Describe in Schedule O the process, if any, used by the organization to review the Form 990		
12a	Did the organization have a written conflict of interest policy? If "No," go to line 13	Yes	
12b	Were officers, directors or trustees, and key employees required to disclose annually interests that could give rise to conflicts?	Yes	
12c	Did the organization regularly and consistently monitor and enforce compliance with the policy? If "Yes," describe in Schedule O how this was done	Yes	
13	Did the organization have a written whistleblower policy?	Yes	
14	Did the organization have a written document retention and destruction policy?	Yes	
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?		
15a	The organization's CEO, Executive Director, or top management official	Yes	
15b	Other officers or key employees of the organization	Yes	
	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?		No
16b	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?		

Section C. Disclosure

- 17** List the States with which a copy of this Form 990 is required to be filed CA
- 18** Section 6104 requires an organization to make its Form 1023 (or 1024 if applicable), 990, and 990-T (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
- 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. See Additional Data Table.
- 20** State the name, physical address, and telephone number of the person who possesses the books and records of the organization
 DAVID GOODMAN
 1111 SOUTH ARROYO PARKWAY SUITE 20
 PASADENA, CA 91105
 (626) 395-1610

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

Check if Schedule O contains a response to any question 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, and **current** key employees 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, or 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 organizations compensated any current or former officer, director, or trustee

(A) Name and Title	(B) Average hours per week (describe hours for related organizations in Schedule O)	(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) DR EDWARD C STONE VICE-CHAIRMAN	4 0	X		X				0	0	0
(2) DR MICHAEL BOLTE DIRECTOR	4 0	X								
(3) DR HENRY YANG CHAIRMAN	4 0	X		X						
(4) DR B THOMAS SOIFER DIRECTOR	4 0	X								
(5) DR RICHARD ELLIS DIRECTOR	4 0	X								
(6) NATHAN BROSTROM TREASURER	4 0	X		X						
(7) ANN MARTIN SECRETARY	10 0			X				40,980		0
(8) DAVID GOODMAN BUSINESS MANAGER	40 0				X			175,711		39,569
(9) DR GARY SANDERS PROJECT MANAGER	40 0				X			236,194		43,369
(10) ERIC WILLIAMS TELESCOPE OPTICS GROUP LEADER	40 0					X		208,236		42,336
(11) LARRY STEPP TELESCOPE DEPARTMENT HEAD	40 0					X		219,957		42,493
(12) MARK SIROTA TELESCOPE CONTROL GROUP LEADER	40 0					X		196,325		42,699
(13) BRENT ELLERBROEK INSTRUMENTATION DPT HEAD	40 0					X		181,584		62,436
(14) PETER GRAY ASSISTANT PROJECT MANAGER	40 0					X		184,936		38,462

Part VIII Statement of Revenue

			(A) Total revenue	(B) Related or exempt function revenue	(C) Unrelated business revenue	(D) Revenue excluded from tax under sections 512, 513, or 514	
Contributions, gifts, grants and other similar amounts	1a	Federated campaigns 1a					
	b	Membership dues 1b					
	c	Fundraising events 1c					
	d	Related organizations 1d					
	e	Government grants (contributions) 1e					
	f	All other contributions, gifts, grants, and similar amounts not included above 1f	15,293,700				
	g	Noncash contributions included in lines 1a-1f \$ _____					
	h	Total. Add lines 1a-1f ▶	15,293,700				
Program Service Revenue	2a	_____ Business Code _____					
	b	_____					
	c	_____					
	d	_____					
	e	_____					
	f	All other program service revenue					
	g	Total. Add lines 2a-2f ▶	0				
Other Revenue	3	Investment income (including dividends, interest and other similar amounts) ▶	855			855	
	4	Income from investment of tax-exempt bond proceeds ▶	0				
	5	Royalties ▶	0				
	6a	Gross rents	(i) Real				
			(ii) Personal				
			b Less rental expenses				
			c Rental income or (loss)				
	d	Net rental income or (loss) ▶					
	7a	Gross amount from sales of assets other than inventory	(i) Securities				
			(ii) Other				
			b Less cost or other basis and sales expenses				
			c Gain or (loss)				
	d	Net gain or (loss) ▶	0				
	8a	Gross income from fundraising events (not including \$ _____ of contributions reported on line 1c) See Part IV, line 18 a					
	b	Less direct expenses b					
c	Net income or (loss) from fundraising events ▶	0					
9a	Gross income from gaming activities See Part IV, line 19 a						
		b Less direct expenses b					
		c Net income or (loss) from gaming activities ▶	0				
10a	Gross sales of inventory, less returns and allowances a						
		b Less cost of goods sold b					
		c Net income or (loss) from sales of inventory ▶	0				
Miscellaneous Revenue		Business Code					
11a	_____						
b	_____						
c	_____						
d	All other revenue						
e	Total. Add lines 11a-11d ▶	0					
12	Total revenue. See Instructions ▶	15,294,555			855		

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) but are not required to complete columns (B), (C), and (D)

Check if Schedule O contains a response to any question 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 governments and organizations in the United States See Part IV, line 21	15,000	15,000		
2	Grants and other assistance to individuals in the United States See Part IV, line 22	0			
3	Grants and other assistance to governments, organizations, and individuals outside the United States See Part IV, lines 15 and 16	0			
4	Benefits paid to or for members	0			
5	Compensation of current officers, directors, trustees, and key employees	465,589	241,194	224,395	
6	Compensation not included above, to disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B)	0			
7	Other salaries and wages	4,440,958	3,721,855	719,103	
8	Pension plan contributions (include section 401(k) and section 403(b) employer contributions)	514,759	411,750	103,009	
9	Other employee benefits	275,135	257,757	17,378	
10	Payroll taxes	455,998	378,666	77,332	
11	Fees for services (non-employees)				
a	Management	0			
b	Legal	160,268	151,158	9,110	
c	Accounting	126,965		126,965	
d	Lobbying	0			
e	Professional fundraising See Part IV, line 17	0			
f	Investment management fees	0			
g	Other	1,462,374	1,461,459	915	
12	Advertising and promotion	0			
13	Office expenses	292,401	83,798	208,603	
14	Information technology	152,470	152,470		
15	Royalties	0			
16	Occupancy	376,020	376,020		
17	Travel	652,312	595,389	56,923	
18	Payments of travel or entertainment expenses for any federal, state, or local public officials	0			
19	Conferences, conventions, and meetings	100,264	91,515	8,749	
20	Interest	0			
21	Payments to affiliates	0			
22	Depreciation, depletion, and amortization	255,757	255,757		
23	Insurance	78,774	78,689	85	
24	Other expenses Itemize expenses not covered above (List miscellaneous expenses in line 24f If line 24f amount exceeds 10% of line 25, column (A) amount, list line 24f expenses on Schedule O)				
a	JPL RELATED EXPENSES	2,298,500	2,298,500		
b	SUBCONTRACTS	804,046	760,164	43,882	
c	FEES	78,541	36,400	42,141	
d	CALTECH SERVICES	39,215		39,215	
e					
f	All other expenses	8,668	2,605	6,063	
25	Total functional expenses. Add lines 1 through 24f	13,054,014	11,370,146	1,683,868	0
26	Joint costs. Check here <input type="checkbox"/> if following SOP 98-2 (ASC 958-720) Complete this line only if the organization reported in column (B) joint costs from a combined educational campaign and fundraising solicitation				

Part X Balance Sheet

		(A)		(B)
		Beginning of year		End of year
Assets	1 Cash—non-interest-bearing	0	1	0
	2 Savings and temporary cash investments	10,150,621	2	11,558,452
	3 Pledges and grants receivable, net	0	3	0
	4 Accounts receivable, net	0	4	0
	5 Receivables from current and former officers, directors, trustees, key employees, and highest compensated employees Complete Part II of Schedule L	0	5	0
	6 Receivables from other disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B) Complete Part II of Schedule L	0	6	0
	7 Notes and loans receivable, net	0	7	0
	8 Inventories for sale or use	0	8	0
	9 Prepaid expenses and deferred charges	37,538	9	118,551
	10a Land, buildings, and equipment cost or other basis Complete Part VI of Schedule D	1,598,780		
	b Less accumulated depreciation	929,416	10c	669,364
	11 Investments—publicly traded securities	0	11	0
	12 Investments—other securities See Part IV, line 11	0	12	0
	13 Investments—program-related See Part IV, line 11	0	13	0
	14 Intangible assets	0	14	0
	15 Other assets See Part IV, line 11	86	15	0
16 Total assets. Add lines 1 through 15 (must equal line 34)	11,088,199	16	12,346,367	
Liabilities	17 Accounts payable and accrued expenses	1,178,321	17	814,682
	18 Grants payable	0	18	0
	19 Deferred revenue	0	19	0
	20 Tax-exempt bond liabilities	0	20	0
	21 Escrow or custodial account liability Complete Part IV of Schedule D	0	21	0
	22 Payables to current and former officers, directors, trustees, key employees, highest compensated employees, and disqualified persons Complete Part II of Schedule L	0	22	0
	23 Secured mortgages and notes payable to unrelated third parties	0	23	0
	24 Unsecured notes and loans payable to unrelated third parties	0	24	0
	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	1,958,699	25	1,339,965
	26 Total liabilities. Add lines 17 through 25	3,137,020	26	2,154,647
Net Assets or Fund Balances	Organizations that follow SFAS 117, check here <input checked="" type="checkbox"/> and complete lines 27 through 29, and lines 33 and 34.			
	27 Unrestricted net assets	7,951,179	27	10,191,720
	28 Temporarily restricted net assets	0	28	0
	29 Permanently restricted net assets	0	29	0
	Organizations that do not follow SFAS 117, 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	7,951,179	33	10,191,720	
34 Total liabilities and net assets/fund balances	11,088,199	34	12,346,367	

Part XI Reconciliation of Net Assets

Check if Schedule O contains a response to any question in this Part XI

1	Total revenue (must equal Part VIII, column (A), line 12)	1	15,294,555
2	Total expenses (must equal Part IX, column (A), line 25)	2	13,054,014
3	Revenue less expenses Subtract line 2 from line 1	3	2,240,541
4	Net assets or fund balances at beginning of year (must equal Part X, line 33, column (A))	4	7,951,179
5	Other changes in net assets or fund balances (explain in Schedule O)	5	
6	Net assets or fund balances at end of year Combine lines 3, 4, and 5 (must equal Part X, line 33, column (B))	6	10,191,720

Part XII Financial Statements and Reporting

Check if Schedule O contains a response to any question 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?		No
2b	Were the organization's financial statements audited by an independent accountant?	Yes	
2c	If "Yes," to 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? If the organization changed either its oversight process or selection process during the tax year, explain in Schedule O	Yes	
2d	If "Yes" to line 2a or 2b, check a box below to indicate whether the financial statements for the year were issued 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 separated basis		
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?		No
3b	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		

SCHEDULE A
(Form 990 or 990EZ)

Public Charity Status and Public Support

OMB No 1545-0047

2011

Open to Public Inspection

Complete if the organization is a section 501(c)(3) organization or a section 4947(a)(1) nonexempt charitable trust.

▶ Attach to Form 990 or Form 990-EZ. ▶ See separate instructions.

Department of the Treasury
Internal Revenue Service

Name of the organization
TMT OBSERVATORY CORPORATION

Employer identification number

20-0988966

Part I Reason for Public Charity Status (All organizations must complete this part.) See instructions

The organization is not a private foundation because it is (For lines 1 through 11, check only one box)

- 1 A church, convention of churches, or association of churches **section 170(b)(1)(A)(i).**
- 2 A school described in **section 170(b)(1)(A)(ii).** (Attach Schedule E)
- 3 A hospital or a cooperative hospital service organization described in **section 170(b)(1)(A)(iii).**
- 4 A medical research organization operated in conjunction with a hospital described in **section 170(b)(1)(A)(iii).** Enter the hospital's name, city, and state

- 5 An organization operated for the benefit of a college or university owned or operated by a governmental unit described in **section 170(b)(1)(A)(iv).** (Complete Part II)
- 6 A federal, state, or local government or governmental unit described in **section 170(b)(1)(A)(v).**
- 7 An organization that normally receives a substantial part of its support from a governmental unit or from the general public described in **section 170(b)(1)(A)(vi)** (Complete Part II)
- 8 A community trust described in **section 170(b)(1)(A)(vi)** (Complete Part II)
- 9 An organization that normally receives (1) more than 33 1/3% of its support from contributions, membership fees, and gross receipts from activities related to its exempt functions—subject to certain exceptions, and (2) no more than 33 1/3% of its support from gross investment income and unrelated business taxable income (less section 511 tax) from businesses acquired by the organization after June 30, 1975 See **section 509(a)(2).** (Complete Part III)
- 10 An organization organized and operated exclusively to test for public safety See **section 509(a)(4).**
- 11 An organization organized and operated exclusively for the benefit of, to perform the functions of, or to carry out the purposes of one or more publicly supported organizations described in section 509(a)(1) or section 509(a)(2) See **section 509(a)(3).** Check the box that describes the type of supporting organization and complete lines 11e through 11h
 a Type I b Type II c Type III - Functionally integrated d Type III - Other
- e By checking this box, I certify that the organization is not controlled directly or indirectly by one or more disqualified persons other than foundation managers and other than one or more publicly supported organizations described in section 509(a)(1) or section 509(a)(2)
- f If the organization received a written determination from the IRS that it is a Type I, Type II or Type III supporting organization, check this box
- g Since August 17, 2006, has the organization accepted any gift or contribution from any of the following persons?
 (i) a person who directly or indirectly controls, either alone or together with persons described in (ii) and (iii) below, the governing body of the the supported organization?
 (ii) a family member of a person described in (i) above?
 (iii) a 35% controlled entity of a person described in (i) or (ii) above?
- h Provide the following information about the supported organization(s)

	Yes	No
11g(i)		
11g(ii)		
11g(iii)		

(i) Name of supported organization	(ii) EIN	(iii) Type of organization (described on lines 1- 9 above or IRC section (see instructions))	(iv) Is the organization in col (i) listed in your governing document?		(v) Did you notify the organization in col (i) of your support?		(vi) Is the organization in col (i) organized in the U S ?		(vii) Amount of support?
			Yes	No	Yes	No	Yes	No	
Total									

Part II Support Schedule for Organizations Described in IRC 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) 2007	(b) 2008	(c) 2009	(d) 2010	(e) 2011	(f) Total
1 Gifts, grants, contributions, and membership fees received (Do not include any "unusual grants.")	9,321,411	21,240,718	12,987,223	15,000,000	15,293,700	73,843,052
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	9,321,411	21,240,718	12,987,223	15,000,000	15,293,700	73,843,052
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)						
6 Public Support. Subtract line 5 from line 4						73,843,052

Section B. Total Support

Calendar year (or fiscal year beginning in)	(a) 2007	(b) 2008	(c) 2009	(d) 2010	(e) 2011	(f) Total
7 Amounts from line 4	9,321,411	21,240,718	12,987,223	15,000,000	15,293,700	73,843,052
8 Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources	491,608	126,039	1,579	1,104	855	621,185
9 Net income from unrelated business activities, whether or not the business is regularly carried on						
10 Other income (Explain in Part IV) Do not include gain or loss from the sale of capital assets	0	0	0	0	0	0
11 Total support (Add lines 7 through 10)						74,464,237
12 Gross receipts from related activities, etc (See instructions)					12	

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

Section C. Computation of Public Support Percentage

14 Public Support Percentage for 2011 (line 6 column (f) divided by line 11 column (f))	14	99.166 %
15 Public Support Percentage for 2010 Schedule A, Part II, line 14	15	98.578 %

16a 33 1/3% support test—2011. 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

b 33 1/3% support test—2010. If the organization did not check the 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

17a 10%-facts-and-circumstances test—2011. 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 IV how the organization meets the "facts and circumstances" test. The organization qualifies as a publicly supported organization

b 10%-facts-and-circumstances test—2010. 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 IV how the organization meets the "facts and circumstances" test. The organization qualifies as a publicly supported organization

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

Part III Support Schedule for Organizations Described in IRC 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) 2007	(b) 2008	(c) 2009	(d) 2010	(e) 2011	(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) 2007	(b) 2008	(c) 2009	(d) 2010	(e) 2011	(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 IV.)						
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 501(c)(3) organization, check this box and stop here <input type="checkbox"/>						

Section C. Computation of Public Support Percentage

15 Public Support Percentage for 2011 (line 8 column (f) divided by line 13 column (f))	15	
16 Public support percentage from 2010 Schedule A, Part III, line 15	16	

Section D. Computation of Investment Income Percentage

17 Investment income percentage for 2011 (line 10c column (f) divided by line 13 column (f))	17	
18 Investment income percentage from 2010 Schedule A, Part III, line 17	18	

- 19a 33 1/3% support tests—2011.** 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—2010.** 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 **Supplemental Information.** Supplemental Information. Complete this part to provide the explanation required by Part II, line 10; Part II, line 17a or 17b; or Part III, line 12. Also complete this part for any additional information. (See instructions).

Facts And Circumstances Test

Explanation

SCHEDULE D (Form 990)

OMB No 1545-0047

Supplemental Financial Statements

2011

Open to Public Inspection

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

Department of the Treasury Internal Revenue Service

Name of the organization TMT OBSERVATORY CORPORATION

Employer identification number 20-0988966

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

Table with 2 columns: (a) Donor advised funds, (b) Funds and other accounts. Rows 1-4: Total number at end of year, Aggregate contributions to (during year), Aggregate grants from (during year), 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?
6 Did the organization inform all grantees, donors, and donor advisors in writing that grant funds may 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?

Part II Conservation Easements. Complete if the organization answered "Yes" to 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, Protection of natural habitat, Preservation of open space, Preservation of an historically important land area, Preservation of a certified historic structure.

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

Table with 2 columns: Description, Held at the End of the Year. Rows 2a-2d: Total number of conservation easements, Total acreage restricted by conservation easements, Number of conservation easements on a certified historic structure included in (a), Number of conservation easements included in (c) acquired after 8/17/06.

- 3 Number of conservation easements modified, transferred, released, extinguished, or terminated by the organization during the taxable 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 and enforcing conservation easements during the year
7 Amount of expenses incurred in monitoring, inspecting, 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 170(h)(4)(B)(ii)?
9 In Part XIV, 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" to Form 990, Part IV, line 8.

- 1a If the organization elected, as permitted under SFAS 116, 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 XIV, the text of the footnote to its financial statements that describes these items
b If the organization elected, as permitted under SFAS 116, 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) Revenues included in 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 relating to these items: a Revenues included in Form 990, Part VIII, line 1; b Assets included in Form 990, Part X

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

3 Using the organization's 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 XIV

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" to 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 XIV and complete the following table

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

2a Did the organization include an amount on Form 990, Part X, line 21? Yes No

b If "Yes," explain the arrangement in Part XIV

Part V Endowment Funds. Complete if the organization answered "Yes" to 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					
b Contributions					
c Investment earnings or losses					
d Grants or scholarships					
e Other expenditures for facilities and programs					
f Administrative expenses					
g End of year balance					

2 Provide the estimated percentage of the year end balance held as

- a** Board designated or quasi-endowment ▶
- b** Permanent endowment ▶
- c** Term endowment ▶

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	3a(i)	
(ii) related organizations	3a(ii)	
b If "Yes" to 3a(ii), are the related organizations listed as required on Schedule R?	3b	

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

Part VI Land, Buildings, and Equipment. 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				
b Buildings				
c Leasehold improvements		325,898	124,928	200,970
d Equipment		1,272,882	804,488	468,394
e Other				
Total. Add lines 1a-1e (Column (d) should equal Form 990, Part X, column (B), line 10(c).)				669,364

Part XI Reconciliation of Change in Net Assets from Form 990 to Financial Statements

1	Total revenue (Form 990, Part VIII, column (A), line 12)	1	15,294,555
2	Total expenses (Form 990, Part IX, column (A), line 25)	2	13,054,014
3	Excess or (deficit) for the year Subtract line 2 from line 1	3	2,240,541
4	Net unrealized gains (losses) on investments	4	
5	Donated services and use of facilities	5	
6	Investment expenses	6	
7	Prior period adjustments	7	
8	Other (Describe in Part XIV)	8	
9	Total adjustments (net) Add lines 4 - 8	9	
10	Excess or (deficit) for the year per financial statements Combine lines 3 and 9	10	2,240,541

Part XII Reconciliation of Revenue per Audited Financial Statements With Revenue per Return

1	Total revenue, gains, and other support per audited financial statements	1	15,294,555
2	Amounts included on line 1 but not on Form 990, Part VIII, line 12		
a	Net unrealized gains on investments	2a	
b	Donated services and use of facilities	2b	
c	Recoveries of prior year grants	2c	
d	Other (Describe in Part XIV)	2d	
e	Add lines 2a through 2d	2e	
3	Subtract line 2e from line 1	3	15,294,555
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 XIV)	4b	
c	Add lines 4a and 4b	4c	
5	Total Revenue Add lines 3 and 4c . (This should equal Form 990, Part I, line 12)	5	15,294,555

Part XIII Reconciliation of Expenses per Audited Financial Statements With Expenses per Return

1	Total expenses and losses per audited financial statements	1	13,054,014
2	Amounts included on line 1 but not on Form 990, Part IX, line 25		
a	Donated services and use of facilities	2a	
b	Prior year adjustments	2b	
c	Other losses	2c	
d	Other (Describe in Part XIV)	2d	
e	Add lines 2a through 2d	2e	
3	Subtract line 2e from line 1	3	13,054,014
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 XIV)	4b	
c	Add lines 4a and 4b	4c	
5	Total expenses Add lines 3 and 4c . (This should equal Form 990, Part I, line 18)	5	13,054,014

Part XIV Supplemental Information

Complete this part to 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, Part XI, line 8, Part XII, lines 2d and 4b, and Part XIII, lines 2d and 4b Also complete this part to provide any additional information

Identifier	Return Reference	Explanation
SCHEDULE D, PART X, LINE 2		THE FINANCIAL STATEMENTS DID NOT REPORT A FIN 48 LIABILITY

SCHEDULE F (Form 990)

Statement of Activities Outside the United States

OMB No 1545-0047

2011

Open to Public Inspection

Complete if the organization answered "Yes" to Form 990, Part IV, line 14b, 15, or 16. Attach to Form 990. See separate instructions.

Department of the Treasury Internal Revenue Service

Name of the organization TMT OBSERVATORY CORPORATION

Employer identification number 20-0988966

Part I General Information on Activities Outside the United States. Complete if the organization answered "Yes" to Form 990, Part IV, line 14b.

1 For grantmakers. 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 For grantmakers. Describe in Part V the organization's procedures for monitoring the use of grant funds outside the United States

3 Activities per Region (Use Part V if additional space is needed)

Table with 6 columns: (a) Region, (b) Number of offices in the region, (c) Number of employees or agents in region or independent contractors, (d) Activities conducted in region (by type), (e) If activity listed in (d) is a program service, describe specific type of service(s) in region, (f) Total expenditures for region/investments in region. Includes rows for North America and a sub-total.

Part IV Foreign Forms

- 1 Was the organization a U S transferor of property to a foreign corporation during the tax year? *If "Yes," the organization may be required to file Form 926 (see instructions for Form 926)* Yes No
- 2 Did the organization have an interest in a foreign trust during the tax year? *If "Yes," the organization may be required to file Form 3520 and/or Form 3520-A. (see instructions for Forms 3520 and 3520-A)* Yes No
- 3 Did the organization have an ownership interest in a foreign corporation during the tax year? *If "Yes," the organization may be required to file Form 5471, Information Return of U.S. Persons with respect to Certain Foreign Corporations. (see instructions for Form 5471)* Yes No
- 4 Was the organization a direct or indirect shareholder of a passive foreign investment company or a qualified electing fund during the tax year? *If "Yes," the organization may be required to file Form 8621, Return by a Shareholder of a Passive Foreign Investment Company or Qualified Electing Fund. (see instructions for Form 8621)* Yes No
- 5 Did the organization have an ownership interest in a foreign partnership during the tax year? *If "Yes," the organization may be required to file Form 8865, Return of U.S. Persons with respect to Certain Foreign Partnerships. (see instructions for Form 8865)* Yes No
- 6 Did the organization have any operations in or related to any boycotting countries during the tax year? *If "Yes," the organization may be required to file Form 5713, International Boycott Report (see instructions for Form 5713).* Yes No

Part V Supplemental Information

Complete this part to provide the information (see instructions) required in Part I, line 2, and any additional information.

Identifier	Return Reference	Explanation
SCHEDULE F, PART I, LINE 3, COLUMN (F)		FOREIGN EXPENDITURES ARE TRACKED SEPARATELY IN THE ORGANIZATION'S GENERAL LEDGER

Schedule F (Form 990) 2010

Schedule I (Form 990)

OMB No 1545-0047

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

2011

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

Open to Public Inspection

Department of the Treasury Internal Revenue Service

Name of the organization TMT OBSERVATORY CORPORATION

Employer identification number 20-0988966

Part I General Information on Grants and Assistance

- 1 Does the organization maintain records to substantiate the amount of the grants or assistance...
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 Governments and Organizations in the United States. Complete if the organization answered "Yes" to Form 990, Part IV, line 21 for any recipient that received more than \$5,000.

Table with 8 columns: (a) Name and address of organization or government, (b) EIN, (c) IRC Code section if applicable, (d) Amount of cash grant, (e) Amount of non-cash assistance, (f) Method of valuation, (g) Description of non-cash assistance, (h) Purpose of grant or assistance. Row 1: (1) HAWAII ISLAND WORKFORCE & ECON DEV OHANA INC1990 KINOOLE ST STE 102 Hilo, HI 96720 | 20-1550014 | 501(c)(3) | 10,000 | Outreach support

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

Part III Grants and Other Assistance to Individuals in the United States. Complete if the organization answered "Yes" to Form 990, Part IV, line 22.
Use Schedule I-1 (Form 990) 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

Part IV Supplemental Information. Complete this part to provide the information required in Part I, line 2, and any other additional information.

Identifier	Return Reference	Explanation
SCHEDULE I, PART I, LINE 2		TMT'S OUTREACH AWARDS REQUIRE THAT THE RECEIVING ORGANIZATION SUBMIT A FINAL REPORT OUTLINING THE USE OF THE FUNDS WITHIN 90 DAYS OF SCHEDULED PROGRAM COMPLETION TMT HAS THE RIGHT TO CANCEL AND TO OBTAIN REIMBURSEMENT OF FUNDS NOT USED IN PURSUIT OF APPROVED PROGRAM OBJECTIVES

Schedule J
(Form 990)

Compensation Information

OMB No 1545-0047

2011

Open to Public Inspection

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

▶ Complete if the organization answered "Yes" to Form 990, Part IV, question 23.

▶ Attach to Form 990. ▶ See separate instructions.

Department of the Treasury
Internal Revenue Service

Name of the organization
TMT OBSERVATORY CORPORATION

Employer identification number

20-0988966

Part I Questions Regarding Compensation

Yes No

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

- First-class or charter travel
- Travel for companions
- Tax idemnification and gross-up payments
- Discretionary spending account
- Housing allowance or residence for personal use
- Payments for business use of personal residence
- Health or social club dues or initiation fees
- Personal services (e g , maid, chauffeur, chef)

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

1b No

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

2 Yes

3 Indicate which, if any, of the following the organization uses to establish the compensation of the organization's CEO/Executive Director Check all that apply

- Compensation committee
- Independent compensation consultant
- Form 990 of other organizations
- Written employment contract
- Compensation survey or study
- Approval by the board or compensation committee

4 During the year, did any person listed in 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?

4a No

b Participate in, or receive payment from, a supplemental nonqualified retirement plan?

4b No

c Participate in, or receive payment from, an equity-based compensation arrangement?

4c No

If "Yes" to any of lines 4a-c, list the persons and provide the applicable amounts for each item in Part III

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

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

a The organization?

5a No

b Any related organization?

5b No

If "Yes," to line 5a or 5b, describe in Part III

6 For persons listed in 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?

6a No

b Any related organization?

6b No

If "Yes," to line 6a or 6b, describe in Part III

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

7 No

8 Were any amounts reported in Form 990, Part VII, paid or accrued pursuant to a contract that was subject to the initial contract exception described in Regs section 53 4958-4(a)(3)? If "Yes," describe in Part III

8 No

9 If "Yes" to line 8, did the organization also follow the rebuttable presumption procedure described in Regulations section 53 4958-6(c)?

9

Part II Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees. Use Schedule J-1 if additional space needed.

For each individual whose compensation must be reported in 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, columns (D) and (E) for that individual

(A) Name		(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 reported in prior Form 990 or Form 990-EZ
		(i) Base compensation	(ii) Bonus & incentive compensation	(iii) Other reportable compensation				
(1) DAVID GOODMAN	(i) (ii)	175,346	0	365	27,512 0	12,057 0	215,280 0	0 0
(2) DR GARY SANDERS	(i) (ii)	219,694	0	16,500	37,327 0	6,042 0	279,563 0	0 0
(3) ERIC WILLIAMS	(i) (ii)	207,813	0	423	25,562 0	16,774 0	250,572 0	0 0
(4) LARRY STEPP	(i) (ii)	218,845	0	1,112	33,247 0	9,246 0	262,450 0	0 0
(5) MARK SIROTA	(i) (ii)	194,947	0	1,378	24,327 0	18,372 0	239,024 0	0 0
(6) BRENT ELLERBROEK	(i) (ii)	181,552	0	32	30,280 0	32,156 0	244,020 0	0 0
(7) PETER GRAY	(i) (ii)	183,507	0	1,429	27,347 0	11,115 0	223,398 0	0 0

Part III Supplemental Information

Complete this part to provide the information, explanation, or descriptions required for Part I, lines 1a, 1b, 4c, 5a, 5b, 6a, 6b, 7, and 8. Also complete this part for any additional information.

Identifier	Return Reference	Explanation
SCHEDULE J, PART I, LINE 1A AND 1B		In connection with certain payments received in lieu of retirement benefits, an officer of the organization was provided a gross up payment. This amount is included in taxable income. SCHEDULE J, PART I, LINE 3. Henry Yang, the CEO, is not compensated by TMT. While TMT does not have an Executive Director, Gary Sanders, the Project Manager, is in control of the day-to-day operations of the organization. SCHEDULE J, PART II. GARY SANDERS RECEIVED A FORM W-2 FROM THE CALIFORNIA INSTITUTE OF TECHNOLOGY DURING CALENDAR YEAR 2011. TMT OBSERVATORY CORPORATION REIMBURSES CALTECH FOR HIS COMPENSATION AND BENEFITS.

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 to provide any additional information.

▶ Attach to Form 990 or 990-EZ.

OMB No 1545-0047

2011

Open to Public Inspection

Name of the organization
TMT OBSERVATORY CORPORATION

Employer identification number

20-0988966

Identifier	Return Reference	Explanation
PART I, LINE 1 AND PART III, LINES 1 & 4A	ORGANIZATION'S MISSION AND PROGRAM SERVICE ACTIVITY	TMT OBSERVATORY CORPORATION (TMT) IS A NONPROFIT PUBLIC BENEFIT CORPORATION FOUNDED BY THE REGENTS OF THE UNIVERSITY OF CALIFORNIA (UC) AND CALIFORNIA INSTITUTE OF TECHNOLOGY (CALTECH), HEREINAFTER COLLECTIVELY "FOUNDING MEMBERS" AND WAS ORIGINALLY INCORPORATED AS THE "CELT DEVELOPMENT CORPORATION" ON OCTOBER 30, 2003 THE FOUNDING MEMBERS ESTABLISHED TMT FOR THE INITIAL PURPOSE OF DEVELOPING THE DESIGN OF A GIANT SEGMENTED MIRROR TELESCOPE, THE THIRTY METER TELESCOPE, WITH THE POTENTIAL OF CONSTRUCTING, COMMISSIONING AND OPERATING AN OBSERVATORY IN ADDITION TO THE GOALS AND MISSIONS AS DESCRIBED ABOVE, TMT WILL FOSTER SCIENTIFIC INTERACTION BETWEEN EDUCATIONAL AND RESEARCH INSTITUTIONS TO FURTHER COLLEGE AND UNIVERSITY EDUCATIONAL RESEARCH IN ASTRONOMY
FORM 990, PART VI, LINE 2	BUSINESS RELATIONSHIPS	DIRECTOR, DR HENRY YANG, IS CHANCELLOR AT THE UNIVERSITY OF CALIFORNIA, SANTA BARBARA DIRECTOR, DR MICHAEL BOLTE, AND TREASURER, NATHAN BROSTROM, ARE EMPLOYED BY THE UNIVERSITY OF CALIFORNIA
FORM 990, PART VI, LINES 6 AND 7	MEMBERS	TMT HAS TWO MEMBERS UNIVERSITY OF CALIFORNIA (UC) AND CALIFORNIA INSTITUTE OF TECHNOLOGY (CALTECH) Governance decisions of the organization including the appointment and number of directors, admssion of new members and the terms of such admision are reserved to the members of the organization
FORM 990, PART VI, LINE 11B	PROCESS USED BY THE ORGANIZATION TO REVIEW FORM 990	WORKING WITH PRICEWATERHOUSECOOPERS, LLP ("PWC"), THE FORM 990 IS PREPARED THE FORM 990 IS THEN REVIEWED BY MANAGEMENT AND THE AUDIT COMMITTEE PRIOR TO FILING WITH THE IRS THE FINAL FORM 990 IS MADE AVAILABLE TO THE FULL BOARD PWC SIGNS THE RETURN AS PAID PREPARER AND ELECTRONICALLY FILES THE RETURN WITH THE IRS
FORM 990, PART VI, LINE 12C	CONFLICT OF INTEREST POLICY	ON AN ANNUAL BASIS, TMT OBSERVATORY CORPORATION ("TMT") DISTRIBUTES CONFLICT OF INTEREST LETTERS WHICH THE BOARD MEMBERS AND KEY EMPLOYEES COMPLETE AND RETURN MANAGEMENT OF TMT REVIEWS THE RETURNED FORMS FOR COMPLIANCE IF A CONFLICT IS DISCOVERED IT IS ESCALATED TO THE APPROPRIATE PARTY WITHIN THE ORGANIZATION
FORM 990, PART VI, LINE 15	PROCESS OF DETERMINING COMPENSATION	TMT has an executive compensation committee that annually reviews the compensation of the organizations key employees and highest compensated employees The committees deliberations are documented The committee does not review ALL employees' compensation, only key employees and highest compensated employees
FORM 990, PART VI, LINE 19	AVAILABILITY OF GOVERNING DOCUMENTS AND POLICIES	DOCUMENTS, CONFLICT OF INTEREST POLICY, AND FINANCIAL STATEMENTS ARE AVAILABLE TO THE PUBLIC UPON REQUEST FORM 990, PART VII GARY SANDERS RECEIVED A FORM W-2 FROM THE CALIFORNIA INSTITUTE OF TECHNOLOGY DURING CALENDAR YEAR 2011 TMT OBSERVATORY CORPORATION REIMBURSES CALTECH FOR HIS COMPENSATION AND BENEFITS