${\color{red}2\,9\,4\,9\,3\,1\,4\,9\,0\,4\,4\,1\,9\atop_{\tiny{OMB\ No\ 1545\ 0047}}}$ 

Return of Organization Exempt From Income Tax
Under section 501(c), 527, or 4947(a)(1) of the Internal Revenue Code (except private foundations) (Rev January 2020)

BAA For Paperwork Reduction Act Notice, see the separate instructions.

2019

► Do not enter social security numbers on this form as it may be made public Go to www irs gov/Form990 for instructions and the latest information. Department of the Internal Revenue S

Open to Public

Α	For the	2000 calen	dar year, or tax year begini	ning	, 2019, a	and ending		τ	,					
В	Check if a	pplicable	С	<u>In</u>	temal Reven	ue Servic	Э	D Employe	ridentific	ation number				
	Addr	ess change	CANADA-FRANCE-HAV	WAII TELESCOPE	e©oir⊕d US [	3ank - US	B	23-7	4387	36				
	Nam	e change	65-1238 MAMALAHO	A HWY	738	3		E Telephon	e number					
	Initia	il return	KAMUELA, HI 9674:	3	055 00	ว่าวก		(808)	) 88	5-7944				
	Final	return/terminated	,		SEP 08	ַ ַ עעעט	ľ	<u>``-</u> _	<i>,</i>	•				
	$\vdash$	nded return						G Gross rec	eipts \$	8,944	.145.			
	$\vdash$	ication pending	F Name and address of principal	officer DOLLCTAC CI	ZMONS O	14. NO H	(a) Is this a	group return			101			
			Same As C Above	officer DOUGLAS SI	Mansas C	ry, MU	(b) Are all	subordinates ii attach a list (	ncluded?	Yes	No			
ī	Tax-ex	empt status	X  501(c)(3)   501(c) (	) < (insert no )	4947(a)(1) or	527	11 "No."	attach a list (	see instri	uctions)	•			
<u> </u>			W.CFHT.HAWAII.EDU	<del></del>	<u> </u>		Car Group e	exemption num	nber ►					
ĸ		f organization	X Corporation Trust	Association Other	LYe	<del>\}-</del> -/	<u> </u>	<del></del>		al domicile H	[			
		Summar						• 1			•			
N. 21.22			be the organization's missi	on or most significant	activities Ope	rate 3.	6 mete	er astr	onom	ical				
•		telescope to further the knowledge and understanding of the universe through												
ž	scientific research, studies, education, and dissemination of such knowledge.													
L S	_													
Š			ox 🕨 📗 if the organization			sed of more	e than 2!	5% of its n	et asse	ets				
Ű	_		oting members of the gover	<b>y</b> , .	,	11.5			3		10			
Activities & Governance	1		dependent voting members			(0)		_	5		10			
Ϋ́			of individuals employed in of volunteers (estimate if it		art v, line za)			-	6		<u>46</u> 57			
Ė			ed business revenue from F		ine 12			-	7a		0.			
•	ı.		d business taxable income t						7b		0.			
				· · · · · · · · · · · · · · · · · · ·			P	rior Year		Current Y				
	8 C	Contributions	and grants (Part VIII, line	1h)		·	8	,121,70	00.	8,324	,245.			
ã	<b>9</b> P	rogram serv	rice revenue (Part VIII, line	2g)				538,88	31.	541	,473.			
Revenue	1		ncome (Part VIII, column (A					55,06	57.	63	,787.			
Œ	1		e (Part VIII, column (A), lin											
			e – add lines 8 through 11			e 12)	8	,715,64			,505.			
	l		imilar amounts paid (Part I		3)			37,00	00.	18	,387.			
	l		to or for members (Part IX			- 10:	_							
ģ	<b>15</b>   S		er compensation, employee	•	umn (A), lines	5-10)	6,554,814.			6,504	<u>,339.</u>			
Expenses	16a P	rofessional	fundraising fees (Part IX, c	olumn (A), line 11e)	1 2 (45 20 0	Daniel M. Jernen	# a `	TELESCE DE MANAGES COSTA	A2 . 5.4 . A2re					
×pe	b⊺	otal fundrais	sing expenses (Part IX, col	umn (D), line 25) 🟲 _	2(	0,486.	St. Acrises				18-1-80			
ш	17 C	ther expens	ses (Part IX, column (A), Iir	nes 11a-11d, 11f-24e)			2	,747,15	52.	3,031	<u>,107.</u>			
	18 T	otal expens	es Add lines 13-17 (must e	equal Part IX, column	(A), line 25)		9	, 338, 96	56.	9,553	, 833.			
	19 R	Revenue less	s expenses Subtract line 18	8 from line 12				-623,31	18.	-624	<u>,328.</u>			
0.00								g of Current		End of Y				
alar	1		(Part X, line 16)		•			,681,19		15,924				
Not As	21		es (Part X, line 26)				_	,134,2			,087.			
			fund balances Subtract lii	ne 21 from line 20			14	,546,92	25.	13,922	<u>,597.</u>			
<u></u>	ırt II∰	·												
Unde	er penaltie plete. Decl	s of perjury I de	eclare that I have examined this retu arer (other than officer) is based on a	rn, including accompanying so	hedules and statemer has any knowled	ents, and to the	e best of m	y knowledge a	nd belief,	, it is true correc	t, and			
			T , 1 , 1 , 1 -			-		8/19	202					
c:.		Signatu	ire of officer				L Da	te	202	.0				
Sig He	gn ro		CY YOST .				CFO							
			r print name and title				CFO							
		Print/Type p	preparer's name	Preparer's signature		Date		Check	ıf Pi	TIN				
D-	:		,	Self-Prepared			]	self employed	-		NAME OF THE PERSON			
Pa	ıd eparer			Derr Trebated	A STATE OF THE PERSON NAMED IN COLUMN TWO IN			con cripioyeu	1800		W. S.S.F. John			
	eparer e Only		MARKET AND					Firm's EIN	ggraa.		vezzean			
<b>-</b> 3		r Firms addr					20000000							
Mai	v the IP	S discuss th	nis return with the preparer	shown above? (see in	structions)		*****	гионе по		Yes	No			
IAIQ	y une nit	u uiscuss II	no return with the preparer	PHOTOLIC MODAL (SEE III	50 4500 13 <i>j</i>					1 1				

TEEA0101L 01/21/20

Form 990 (2019)

4e Total program service expenses

_	5000 St. Common			
1	Is the organization described in section 501(c)(3) or 4947(a)(1) (other than a private foundation)? If 'Yes,' complete Schedule A	1	Yes X	No
2	Is the organization required to complete Schedule B, Schedule of Contributors (see instructions)?	2	Х	
3	Did the organization engage in direct or indirect political campaign activities on behalf of or in opposition to candidates for public office? If 'Yes,' complete Schedule C, Part I	3		Х
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? If 'Yes,' complete Schedule C, Part II	4		Х
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? If 'Yes,' complete Schedule C, Part III	5		х
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? If 'Yes,' complete Schedule D, Part I	6		Х
7	Did the organization receive or hold a conservation easement, including easements to preserve open space, the environment, historic land areas, or historic structures? If 'Yes,' complete Schedule D, Part II	7		Х
8	Did the organization maintain collections of works of art, historical treasures, or other similar assets? If 'Yes,' complete Schedule D, Part III	8		Х
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? If 'Yes,' complete Schedule D, Part IV	9		Х
10	Did the organization, directly or through a related organization, hold assets in donor-restricted endowments or in quasi endowments? If 'Yes,' complete Schedule D, Part $V$	10		Х
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>	11 a	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? If 'Yes,' complete Schedule D, Part VII	11 b		Х
	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? If 'Yes,' complete Schedule D. Part VIII	11 c		Х
	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? If 'Yes,' complete Schedule D, Part IX	11 d		Х
	e Did the organization report an amount for other liabilities in Part X, line 25° If 'Yes,' complete Schedule D, Part X	11 e		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)? If 'Yes,' complete Schedule D, Part X	11 f	Х	
	a Did the organization obtain separate, independent audited financial statements for the tax year? If 'Yes,' complete Schedule D, Parts XI and XII	12a	Х	
	b Was the organization included in consolidated, independent audited financial statements for the tax year? If 'Yes,' and if the organization answered 'No' to line 12a, then completing Schedule D, Parts XI and XII is optional	12 b		Х
13	Is the organization a school described in section 170(b)(1)(A)(ii)? If 'Yes,' complete Schedule $E$	13		Х
14	a Did the organization maintain an office, employees, or agents outside of the United States?	14a		Х
	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? If 'Yes,' complete Schedule F, Parts I and IV	14b	Х	
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? If 'Yes,' complete Schedule F, Parts II and IV	15		Х
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? If 'Yes,' complete Schedule F, Parts III and IV	16		Х
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? If 'Yes,' complete Schedule G, Part I (see instructions)	17		Х
18	Did the organization report more than \$15,000 total of fundraising event gross income and contributions on Part VIII, lines 1c and 8a? If 'Yes,' complete Schedule G, Part II	18		Х
19	Did the organization report more than \$15,000 of gross income from gaming activities on Part VIII, line 9a? If 'Yes,' complete Schedule G, Part III	19		Х
20	a Did the organization operate one or more hospital facilities? If 'Yes,' complete Schedule H	20a		Х
I	o If 'Yes' to line 20a, did the organization attach a copy of its audited financial statements to this return?	20b		
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? If 'Yes,' complete Schedule I, Parts I and II	21		Х
		_	000	(2010)

Pa	Checklist of Required Schedules (continued)			<del></del>
	Did the assessment are selected as the CC 000 of areato or other accordance to ay for democitic individuals on Part IV		Yes	No
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° If 'Yes,' complete Schedule I, Parts I and III	22	Х	<u> </u>
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? If 'Yes,' complete Schedule J	23	Х	
24	a 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? If 'Yes,' answer lines 24b through 24d and complete Schedule K. If 'No, 'go to line 25a	24a		Х
1	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		<b></b>
25	a 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? If 'Yes' complete Schedule L, Part I	25a		Х
1	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? If 'Yes,' complete Schedule L, Part I	25b		х
26	Did the organization report any amount on Part X, line 5 or 22, for receivables from or payables to any current or former officer, director, trustee, key employee, creator or founder, substantial contributor, or 35% controlled entity or family member of any of these persons? If 'Yes,' complete Schedule L, Part II	26		х
27	Did the organization provide a grant or other assistance to any current or former officer, director, trustee, key employee, creator or founder, substantial contributor or employee thereof, a grant selection committee member, or to a 35% controlled entity (including an employee thereof) or family member of any of these persons? If 'Yes,' complete Schedule L, Part III	27		х
	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, key employee, creator or founder, or substantial contributor? If 'Yes,' complete Schedule L, Part IV	28a		х
	b A family member of any individual described in line 28a? If 'Yes,' complete Schedule L, Part IV	28b		Х
	c A 35% controlled entity of one or more individuals and/or organizations described in lines 28a or 28b? <i>If</i> Yes,' complete Schedule L, Part IV	28c		X
29	Did the organization receive more than \$25,000 in non-cash contributions? If 'Yes,' complete Schedule M	29		X
30	contributions? If 'Yes,' complete Schedule M	30		Х
31	Did the organization liquidate, terminate, or dissolve and cease operations? If 'Yes,' complete Schedule N, Part I	31		X
32	Did the organization sell, exchange, dispose of, or transfer more than 25% of its net assets? If 'Yes,' complete Schedule N, Part II	32		Х
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? If 'Yes,' complete Schedule R, Part I	33		Х
34	Was the organization related to any tax-exempt or taxable entity? If 'Yes,' complete Schedule R. Part II, III, or IV, and Part V, line 1	34		Х
35	a Did the organization have a controlled entity within the meaning of section 512(b)(13)?	35a	ļ	Х
	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)? If 'Yes,' complete Schedule R, Part V, line 2	35b		
36	Section 501(c)(3) organizations. Did the organization make any transfers to an exempt non-charitable related organization? If 'Yes,' complete Schedule R, Part V, line 2	36		х
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? If 'Yes,' complete Schedule R, Part VI	37		х
38	Did the organization complete Schedule O and provide explanations in Schedule O for Part VI, lines 11b and 197 <b>Note:</b> All Form 990 filers are required to complete Schedule O	38	Х	
Pa	rt 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		Yes	No
1	a Enter the number reported in Box 3 of Form 1096 Enter -0- if not applicable 13	,	162	1,40
	b Enter the number of Forms W-2G included in line 1a Enter -0- if not applicable  1 b	ַ וֹ		
	c Did the organization comply with backup withholding rules for reportable payments to vendors and reportable gaming	1	- V	<u> </u>
BAA	(gambling) winnings to prize winners?  TEEA0104L 07/31/19	1 c Form	990	<u> </u> (2019)
	,			. ,

Form 990 (2019)

Statements Regarding Other IRS Filings and Tax Compliance (continued) Part V No Yes 2 a Enter the number of employees reported on Form W-3, Transmittal of Wage and Tax Statements, filed for the calendar year ending with or within the year covered by this return 46 b If at least one is reported on line 2a, did the organization file all required federal employment tax returns? 2 b Note: If the sum of lines 1a and 2a is greater than 250, you may be required to e-file (see instructions) X 3 a Did the organization have unrelated business gross income of \$1,000 or more during the year? 3 a b If 'Yes,' has it filed a Form 990-T for this year? If 'No' to line 3b, provide an explanation on Schedule O 3Ь 4 a 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, securities account, or other financial account)? Х 4 a **b** If 'Yes,' enter the name of the foreign country CANADA See instructions for filing requirements for FinCEN Form 114, Report of Foreign Bank and Financial Accounts (FBAR) 5 a Was the organization a party to a prohibited tax shelter transaction at any time during the tax year? 5 a Х 5 b X b Did any taxable party notify the organization that it was or is a party to a prohibited tax shelter transaction? c If 'Yes,' to line 5a or 5b, did the organization file Form 8886-T? 5 c 6 a Does the organization have annual gross receipts that are normally greater than \$100,000, and did the organization Х solicit any contributions that were not tax deductible as charitable contributions? 6 a b If 'Yes,' did the organization include with every solicitation an express statement that such contributions or gifts were 6 b not tax deductible? 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 7 a Х services provided to the payor? b If 'Yes,' did the organization notify the donor of the value of the goods or services provided? 7 b c Did the organization sell, exchange, or otherwise dispose of tangible personal property for which it was required to file Χ Form 82827 7 c d If 'Yes,' indicate the number of Forms 8282 filed during the year X e Did the organization receive any funds, directly or indirectly, to pay premiums on a personal benefit contract? 7 e f Did the organization, during the year, pay premiums, directly or indirectly, on a personal benefit contract? 7 f g If the organization received a contribution of qualified intellectual property, did the organization file Form 8899 as required? 7 g  ${f h}$  If the organization received a contribution of cars, boats, airplanes, or other vehicles, did the organization file a Form 1098-C? 7 h Sponsoring organizations maintaining donor advised funds. Did a donor advised fund maintained by the sponsoring Х 8 organization have excess business holdings at any time during the year? 9 Sponsoring organizations maintaining donor advised funds. a Did the sponsoring organization make any taxable distributions under section 4966? 9 a b Did the sponsoring organization make a distribution to a donor, donor advisor, or related person? 9 b 10 Section 501(c)(7) organizations. Enter a Initiation fees and capital contributions included on Part VIII, line 12 10 a 10 b b Gross receipts, included on Form 990, Part VIII, line 12, for public use of club facilities 11 Section 501(c)(12) organizations. Enter a Gross income from members or shareholders 11 a b Gross income from other sources (Do not net amounts due or paid to other sources against amounts due or received from them ) 11 b 12a Section 4947(a)(1) non-exempt charitable trusts. Is the organization filing Form 990 in lieu of Form 1041? 12 a 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. 13a a is the organization licensed to issue qualified health plans in more than one state? Note: See the instructions for additional information the organization must report on Schedule O **b** Enter the amount of reserves the organization is required to maintain by the states in 13b which the organization is licensed to issue qualified health plans Enter the amount of reserves on hand 13 c X 14a Did the organization receive any payments for indoor tanning services during the tax year? 14 a b If 'Yes,' has it filed a Form 720 to report these payments? If 'No,' provide an explanation on Schedule O 14 b Is the organization subject to the section 4960 tax on payment(s) of more than \$1,000,000 in remuneration or 15 Х excess parachute payment(s) during the year? If 'Yes,' see instructions and file Form 4720, Schedule N Х 16 16 Is the organization an educational institution subject to the section 4968 excise tax on net investment income? If 'Yes,' complete Form 4720, Schedule O

Par	<b>TVI</b> Governance, Management, and Disclosure For each 'Yes' response to lines 2 through 7b being a 'No' response to line 8a, 8b, or 10b below, describe the circumstances, processes, or changes Schedule O. See instructions	ow, jes c	and on			
	Check if Schedule O contains a response or note to any line in this Part VI			X		
Sec	tion A. Governing Body and Management					
-			Yes	No		
1 a	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 on Schedule O					
t	Enter the number of voting members included on line 1a, above, who are independent 1b 10					
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?	2		. i		
3	Did the organization delegate control over management duties customarily performed by or under the direct supervision of officers, directors, trustees, or key employees to a management company or other person?	3		X		
4	Did the organization make any significant changes to its governing documents since the prior Form 990 was filed?	4		Х		
5 Did the organization become aware during the year of a significant diversion of the organization's assets?						
6 Did the organization have members or stockholders? See Schedule 0						
	a 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? See Schedule O	7 a	Х			
t	Are any governance decisions of the organization reserved to (or subject to approval by) members, stockholders, or persons other than the governing body?	7 b		Х		
8 Did the organization contemporaneously document the meetings held or written actions undertaken during the year by the following						
a The governing body?						
<b>b</b> Each committee with authority to act on behalf of the governing body?						
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 on Schedule Q	9		X		
Sec	tion B. Policies (This Section B requests information about policies not required by the Internal Re	venu				
			Yes	No		
	a Did the organization have local chapters, branches, or affiliates?	10 a		Х		
	o 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?	10 b	72			
	a Has the organization provided a complete copy of this Form 990 to all members of its governing body before filing the form?	11 a	Х	<u> </u>		
	Describe in Schedule O the process, if any, used by the organization to review this Form 990 See Schedule O	10.	v	<u>  • '       </u>		
	a Did the organization have a written conflict of interest policy? If 'No,' go to line 13	12a	Х	-		
	were officers, directors, or trustees, and key employees required to disclose annually interests that could give rise to conflicts?	12 b	X			
	Solid the organization regularly and consistently monitor and enforce compliance with the policy? If 'Yes,' describe in Schedule O how this was done See Schedule O	12 c	X	-		
	Did the organization have a written whistleblower policy?	14	- <u>X</u>	<del> </del>		
	Did the organization have a written document retention and destruction policy?			<del>                                     </del>		
	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?	15 a	Х	. *!		
	a The organization's CEO, Executive Director, or top management official See Schedule 0  o Other officers or key employees of the organization See Schedule 0	15 b	X	<del> </del>		
,	If 'Yes' to line 15a or 15b, describe the process in Schedule O (see instructions)	130				
16.	a Did the organization invest in, contribute assets to, or participate in a joint venture or similar arrangement with a			]		
	taxable entity during the year?	16 a		Х		
ŀ	o 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?	16 b				
Sec	tion C. Disclosure					
17	List the states with which a copy of this Form 990 is required to be filed ► HI		<b>_</b>			
18	Section 6104 requires an organization to make its Forms 1023 (1024 or 1024-A, if applicable), 990, and 990-T (Section 50 available for public inspection. Indicate how you made these available. Check all that apply  Own website	11(c)(3	3)s or	ıly)		
19	Describe on Schedule O whether (and if so, how) the organization made its governing documents, conflict of interest policy, and financial statements available public during the tax year See Schedule O	ole to				
20	State the name, address, and telephone number of the person who possesses the organization's books and records ▶					
	TRACY YOST 65-1238 MAMALAHOA HWY KAMUELA HI 96743 (808) 885-7944					

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

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

- 1 a 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

See instructions for the order in which to list the persons above

Check this box if neither the organization nor any relat	ed organız	ation	Check this box if neither the organization nor any related organization compensated any current officer, director, or trustee							
				(C)	)					<del></del> -
(A) Name and title	(B) Average hours per	thar	n one s both	box	unles officer		on	(D)  Reportable compensation from the organization	(E) Reportable compensation from related organizations	(F) Estimated amount of other
See Schedule O	week (list any hours for related organiza- tions below dotted line)	Individual trustoc or director	Institut onal trustoe	Officer	Key employee	Highest compensated employee	Former	(W 2/1099 MISC)	(W-2/1099 MISC)	compensation from the organization and related organizations
(1) DOUGLAS SIMONS	50									
Executive Direc	0 -			Χ				221,038.	0.	58,835.
(2) ANDY SHEINIS	50									
Director of Engineering	0				Х			202,223.	0.	45,425.
(3) TRACY YOST	50	-		Х				172 426	0.	50,896.
CFO	50	-		Δ_	<del></del>			172,436.	υ.	30,690.
_(4) GREG_BARRICK		1				$ _{X} $		172,605.	0.	43,587.
Optical Engineer	0	-			-	^		172,605.	0.	43,301.
(5) KEVIN HO	50 _	ł				X		165 207	0.	50 470
Instrumentn Mgr	50	├	-			^		165,297.	0.	50,479.
(6) DANIEL DEVOST	- 30 -				Х			156,361.	0.	48,774.
Director of Science	50	-	-		^			136,301.	0.	40,114.
(7) KEI SZETO	1-30-					$ _{X} $		158,695.	0.	43,336.
MSE Project Engr (8) MARC BARIL	50	<u> </u>	-		┢	^		130,093.	0.	43,330.
	1-30-					X		147,215.	0.	41,298.
Electronics Enginr (9) TOM VERMEULEN	50					^		147,213.		41,230.
System Programmer	1- 20 -	1				х		140,927.	0.	41,026.
(10) MATTHEW S. PLATZ	3		$\vdash$			A		140, 521.		41,020.
Treasurer		X		Х				0.	0.	0.
(11) HERVE AUSSEL	3	\ \frac{\lambda}{\lambda}	$\vdash$	<u> </u>	-			0.		<u> </u>
Director		X						0.	0.	0.
(12) JEROME BOUVIER	3	<del>  ``</del>			1	$\vdash$				
Chairman		X		х				0.	0.	0.
(13) DOUGLAS WELCH	3	† <del>**</del>	$\vdash$	<u> </u>						
Director		X						0.	0.	0.
(14) GUY PERRIN	3	<del>                                     </del>					_			
Director	-  <del> </del>	X						0.	0.	0.
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Form 990 (2019) CANADA-FRANCE-HAWAII TE	LESCOP	E C	OR	P					23-7438736			ge <b>8</b>
Part VII   Section A. Officers, Directors, Tru		<b>Key</b>	Em	_		es,	and	d Highest Com	pensated Empl	oyees	(conti	nued)
(A) Name and title	Average hours per week	Position  ge (do not check more than box, unless person is bot officer and a director/trus					n an lee)	(D)  Reportable compensation from	(E)  Reportable compensation from		(F) ited am f other	ounl
	(list any	Individual trustce or director	institutional trustee	Officer	Key employee	Highest compensated employee	Formor	the organization (W 2/1099-MISC)	related organizations (W 2/1099 MISC)	the o	nsation ganizal d related inization	tion d
(15) HOWARD YEE Vice Chair	3	х		Х				0.	0.			0.
(16) THIERRY CONTINI Secretary	3	Х		Х				0.	0.			0.
(17) J-J. KAVELAARS Director	- <u>3</u> -	Х						0.	0.			0.
(18) LENNOX COWIE  Director	3 0	X						0.	0.			0.
(19) LAURA FERRARESE Director	3 -	X						0.	0.			0.
(20)		Α_						0.			_	
(21)												
(22)												
(23)												
(24)												
(25)												
1 b Subtotal	•		•	I.,,			•	1,536,797.	0.	4	23,	656.
c Total from continuation sheets to Part VII, Secti	on A						<b>&gt;</b>	0.	0.			0.
d Total (add lines 1b and 1c)  2 Total number of individuals (including but not limited	l to those l	ctod	aho		who	rocor	vod.	1,536,797.	0.			<u>656.</u>
2 Total number of individuals (including but not limited from the organization ► 23	i to those i	isteu	au0'	ve)	WIIO	recei	veu	more man \$100,00	o of reportable comp			
2 Did the average tracked by farming officer disposed	مامرية تمام	ما م		l	0.10		hial	hast companyated	omployee		Yes	No
3 Did the organization list any former officer, direct on line 1a? If 'Yes,' complete Schedule J for such	h individu	al								3		Х
4 For any individual listed on line 1a, is the sum of the organization and related organizations greate such individual.	f reportab er than \$1	le co 50,0	mpe 00?	ensa If 'Y	ition Yes,	and com	oth <i>ple</i>	er compensation to the Schedule J for	from	4	Х	
5 Did any person listed on line 1a receive or accrufor services rendered to the organization? If 'Yes	e compen s,' comple	satio	on fr	om <i>lule</i>	any <i>J fo</i>	unre	late :h p	ed organization or erson	ındıvıdual	5		Х
Section B. Independent Contractors  1 Complete this table for your five highest compen	sated indi	epen	deni	t co	ntra	ctors	tha	it received more th	nan \$100,000 of			
compensation from the organization Report comper (A)	sation for	the c	alen	dar	year	endi	ng v	with or within the or (B)	ganization's tax year	((	 C)	
Name and business add								Description of		Compe	nsatio	
BENNET GROUP STRATEGIC COMMUNICATIONS P O.												340. 598
MANNANEA OBSERVATORIES SUPPORT SERVICES 17	MAUNAKEA OBSERVATORIES SUPPORT SERVICES 177 MAKAALA ST HILO, HI 9672 SUMMIT/H P. SUPPORT 133,598.											
2 Total number of independent contractors (including		ted t	o the	ose	liste	d abo	ve)	who received more	than			
\$100,000 of compensation from the organization		TEEAC	1100	071	21/10					Form	990	(2019)

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Ŗar	(%VI				a resn	onse or note to an	· ny line in this Part V	311		П
	•	Oneck ii Ocheda		comains			(A) Total revenue	(B) Related or exempt function revenue	<b>(C)</b> Unrelated business revenue	(D) Revenue excluded from tax under sections 512-514
ts ts	1 a	Federated campaig	jns		1 a			489472468717		
ran Juni	b	Membership dues		l	1 b					
S, G	С	Fundraising events			1 c	,				
arts ar 7	d Related organizations 1 d									
s, C mil		Government grants (con			1 e	8,209,414.				
r Si	f	All other contributions, (				114 021				
but	_	Similar amounts not incl Noncash contributions in		, ,	1 f	114,831.				
Contributions, Gifts, Grants and Other Similar Amounts	9	lines 1a-1f	101000		1 g					
<u> </u>	h	Total. Add lines 1a	-1f			<b>.</b>	0,324,243.	16.29.53.07.04.27.63	<b>ままりてきる意識な</b>	
Program Service Revenue						Business Code			TARROLL TO THE PARTY.	* SVK LOT MODERN
ever		REIMB ASTRO				541700	500,434.	500,434.		
ě		MISC_DIRECT				541700	36,728.	36,728.		
ξ	C	EDUCATIONAL	<u>MA</u> '	TERIAL.	<u>S</u>	541900	4,311.	4,311.		
Sel	d					<u>-,</u>				
Ta H	e	All ather programs				•				<del></del>
, S	i .	All other program s  Total. Add lines 2a			و ر		5 Å1 Å 472	A PLANTED THE PROPERTY	>Y/3643000002566045	District Post Value Confession
<u> </u>							541,473.	AMERICAN AMERICAN		Burgering & Gottle Barrier Broken Colored
	3	Investment income ( other similar amou	(inciu nts)	aing aiviae	enos, i	nterest, and	78,427.			78,427.
	4	Income from inves	•	nt of tax-e	xempt	bond proceeds	7071271			
	5	Royalties			• •					
		•		(i) Re	eal	(II) Personal	1970 435 8865 8475	THE GOOD STATE OF		
	6 a	Gross rents	6a							
	Ь	Less rental expenses	6b							
	. с	Rental income or (loss)	6c					BUNNES AF	No. of the second	SALES SERVICES
	d	Net rental income	or (lo			` <b>&gt;</b>				21.00.100.200.000
•	7 a	Gross amount from		(ı) Secu	rities	(II) Olher				
		sales, of assets other than inventory	7a							
	b	Less cost or other basis								
		and sales expenses	7b			14,640.				
		Gain or (loss).	7с	L		-14,640.		1874: SG. 477: 684	2.5% 的维·尔达·多	7.5 Mar - No. 3 Mar - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
		Net gain or (loss)			_		-14,640.	CHECKS AND	MARRATER SERVICES	-14,640.
Rue	8 a	8 a Gross income from fundraising events								
le I		(not including \$ of contributions reported	d on li	ne 1c)	-			V. 16-76-24 (4:1)		530 460 - 250
Ŗ		See Part IV, line 18	u (),, ,,	107	8	a				
er	h	Less direct expens	ses		8					
Other Reve		Net income or (los		om fundra	<u> </u>				- Hartinger	Western Land And a Superior (Superior Contraction)
J	9.	Gross income from gam	ina sc	tuutiae	Ĭ		30.00			
	Ja	See Part IV, line 19	my ac	dvides	9	a				
	b	Less direct expens	ses	•	9	b				
	С	Net income or (los	s) fro	om gamin	g activ	/ities ►				
	10 a	Gross sales of inventory returns and allowances	, less	•						
					10					
	1	Less cost of goods			10	<u> </u>	0.2966342727432	424610464		
	C	Net income or (los	s) fro	m sales o	ot inve		provide \$5 m stores blone to a local chart	entrace of the second section in	Baltaneth adelekti. In Net-Wat.	totalista fa ecionomica da
S.	17 -	<del> </del>		····		Business Code	MITTER AND THE PROPERTY OF THE PARTY OF THE		names inches in with	LOUR PHAT PROPERTY
8 3	11 a b c d						-			
를	) D	' <del></del>	. <b>–</b> –							,
e g	2	All other revenue						,		
Miscellaneous Revenue	t .	Total. Add lines 11	a.11	Ч	Į	-		120000000000000000000000000000000000000	25.6.7.119.425.394.45.	
	12	Total revenue. See		<del></del>		•		541,473.	0.	63,787.
BAA		- Total Teverinaer Soc				TEE	A0109L 07/31/19	011,170.	<u> </u>	Form <b>990</b> (2019)

Part   XX   Statement of Functional Expenses								
Sec	tion 501(c)(3) and 501(c)(4) organizations must cor			omplete column (A)				
Check if Schedule O contains a response or note to any line in this Part IX								
	not include amounts reported on lines 7b, 8b, 9b, and 10b of Part VIII	(A) Total expenses ··	( <b>B)</b> Program service expenses	(C) Management and general expenses	( <b>D</b> ) Fundraising expenses			
1	Grants and other assistance to domestic organizations and domestic governments See Part IV, line 21	. <del></del> 8,387.	8,387.					
2	Grants and other assistance to domestic individuals See Part IV, line 22	. 10,000.	. 10,000.		valuation i			
	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				LALESCO PORTOR N			
, 5	Compensation of current officers, directors, trustees, and key employees	955,988.	508,223.	433,905.	13,860.			
. 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.	. 0.	0.	0.			
7	Other salaries and wages	4,029,310.	3,605,724.	417,766.	5,820.			
8	Pension plan accruals and contributions (include section 401(k) and 403(b) employer contributions)	457,055.	413,687.	43,368.	3,020.			
9	Other employee benefits	717,871.	595,880.	121,991.				
10	Payroll taxes	344,115.	290,113.	54,002.				
11	Fees for services (nonemployees)	<u> </u>		3 1/.3 2 3				
	a Management				•			
	<b>b</b> Legal	3,061.	•	' 3,061.				
	c Accounting	67,905.		67,905.				
	<b>d</b> Lobbying		Manual y and a tomorphism content and a	The solution of the control of the solution of the control of the	<u> </u>			
	e Professional fundraising services See Part IV, line 17	•		SECTION AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PER	1			
	f Investment management fees  Other (If line 11g,amount exceeds 10% of line 25, column	3,799.	<u> </u>	3,799.	1			
	(A) amount, list line 11g expenses on Schedule 0)  Advertising and promotion	388,668. 2,461.	222,822.	165,846.				
13	Office expenses	78,449.	45,629.	32,820.				
14	Information technology	122,391.	116,468.	5,923.	-			
15	Royalties	444.	444.	•				
16	Occupancy	4 378,275.	377,007.	1,268.	_			
17	Travel	364,544.	218,430.	145,858.	256.			
.18	Payments of travel or entertainment expenses for any federal, state, or local public officials	, ·	•		r i			
19	Conferences, conventions, and meetings	• 71,234.	53,978.	17,256.				
20		27.	·	27.				
21	Payments to affiliates							
22	Depreciation, depletion, and amortization	1,005,938.	1,001,496.	4,442.				
23 24		50,869.	26,211.	24,658.	THE FOLLOW, IN THE THEORY TO SELECT			
2-4	covered above (List miscellaneous expenses		i maningaming magninggar sar as .	ing a climate race of experimental po	ស្រីស្រីសិលិក្សាប្រែក្រហាលក្នុងសេចក្រុមសិក្សាប្រែក្រុងប្រើប្រ			
,	on line 24e. If line 24e amount exceeds 10% of line 25, column (A) amount, list line 24e.	ing mangang mangang mangang mangang mangan mangang mangang mangan mangang mangang mangang mangang mang						
	expenses on Schedule () )		and an experience of the common of the commo	The first state of the state of	ວ່າກຳຄັ້ນຕ້ຳກໍ່ກ້ານກູກົດເກົ່າເກົ່າໝັກເຊີ້ນເພື່ອສະຈາກກູ້ຕັ້ງກຳຄັ້ນຕົ້ນ ການການການການການການການການການການການການການກ			
	a TECHNICAL SUPPLIES	183,908.	171,141.	12,767.				
	b MISCELLANEOUS	178,458.	77,136.	100,772.	550.			
	C MAINT & REPAIRS	75,214.	74,441.	773.	<del>                                     </del>			
	d MIDLEVEL FACILITY LODGING/MEAL .	42,233.	42,233.	3,593.				
	e All other expenses  Total functional expenses Add lines I through 24e	13,229. 9,553,833.	9,636. 7,871,547.	1,661,800.	20,486			
		7,333,033.	1,011,541.	1,001,000.	20,400			
26	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)	, ,						

	(-2/2, 2,,	Check if Schedule O contains a response or note to any line in this Part X			
			(A) Beginning of year •		(B) End of year
$\neg$	1	Cash – non-interest-bearing	809,686.	1	1,579,254.
	2	Savings and temporary cash investments	2,601,613.	2	2,504,715.
	3	Pledges and grants receivable, net		3	
	4	Accounts receivable, net	262,043.	4	739,748.
	5	Loans and other receivables from any current or former officer, director, trustee, key employee, creator or founder, substantial contributor, or 35%			
		controlled entity or family member of any of these persons	:	5	10 10 10 10 10 10 10 10 10 10 10 10 10 1
	6	Loans and other receivables from other disqualified persons (as defined under		. 4	學的學生學家學家
		section 4958(f)(1)), and persons described in section 4958(c)(3)(B).		6	·
	7	Notes and loans receivable, net		7	
ţ	8	Inventories for sale or use		8	
Assets	9	Prepaid expenses and deferred charges		9	
As	10 a	Land, buildings, and equipment cost or other basis Complete Part VI of Schedule D 10a 41,753,403			
	b	Less accumulated depreciation 10b 30,652,436	. 12,007,855.	10 c	11,100,967.
	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		15	
	16	Total assets. Add lines 1 through 15 (must equal line 33)	15,681,197.	16	15,924,684.
	17	Accounts payable and accrued expenses	838,178.	17	857,292.
	18	Grants payable		18	
	19	Deferred revenue	280,110.	19	1,144,795.
	20	Tax-exempt bond liabilities		20	
e S	21	Escrow or custodial account liability Complete Part IV of Schedule D	1	21	
Liabilities	22	Loans and other payables to any current or former officer, director, trustee, key employee, creator or founder, substantial contributor, or 35% controlled entity or family member of any of these persons		22	
<b>=</b>	23	Secured mortgages and notes payable to unrelated third parties		23	,
	24	Unsecured notes and loans payable to unrelated third parties	15,984.	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		25	
	26	Total liabilities. Add lines 17 through 25	1,134,272.	26	2,002,087.
<u></u>		Organizations that follow FASB ASC 958, check here ► X			
nces	٠ ا	and complete lines 27, 28, 32, and 33.		200	
lan	27	Net assets without donor restrictions	14,489,677.	27	13,800,149.
8	28	Net assets with donor restrictions	57,248.	28	122,448.
Net Assets or Fund Bala		Organizations that do not follow FASB ASC 958, check here ► and complete lines 29 through 33.			
5	29	Capital stock or trust principal, or current funds	Am it is " which the total for State of the Control	29	
ţ	30	Paid-in or capital surplus, or land, building, or equipment fund	•	30	
Š	31	Retained earnings, endowment, accumulated income, or other funds		31	
Ä	32	Total net assets or fund balances	14,546,925.	32	13,922,597.
Ne.	33	Total liabilities and net assets/fund balances	15,681,197.	33	15,924,684.

Form 990 (2019) CANADA-FRANCE-HAWAII TELESCOPE CORP.	23-7438736	5	Page 1
Part XI Reconciliation of Net Assets			_
Check if Schedule O contains a response or note to any line in this Part			
1 Total revenue (must equal Part VIII, column (A), line 12)	1	<u>8,929</u>	
2 Total expenses (must equal Part IX, column (A), line 25)	2	9,553	
3 Revenue less expenses Subtract line 2 from line 1	3	-624	<u>, 328</u>
4 Net assets or fund balances at beginning of year (must equal Part X, line 32, or	<del></del>	14,546	<u>,925</u>
5 Net unrealized gains (losses) on investments	5		
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 on Schedule O)	9		0
Net assets or fund balances at end of year Combine lines 3 through 9 (must equal F column (B))	Part X, line 32,	13,922	,597
Part XII   Financial Statements and Reporting			
Check if Schedule O contains a response or note to any line in this Part	XII		Γ
		Ye	s No
1 Accounting method used to prepare the Form 990 Cash X Accrual	Other		, ,
If the organization changed its method of accounting from a prior year or check in Schedule O	ked 'Other,' explain		
2 a Were the organization's financial statements compiled or reviewed by an indep	pendent accountant?	2 a	Х
If 'Yes,' check a box below to indicate whether the financial statements for the separate basis, consolidated basis, or both	year were compiled or reviewed on a		* .
Separate basis Consolidated basis Both consolidated and	separate basis		
<b>b</b> Were the organization's financial statements audited by an independent account	ntant?	2b >	<
If 'Yes,' check a box below to indicate whether the financial statements for the	year were audited on a separate	٠ -	
basis, consolidated basis, or both	annesta kana		•
X Separate basis Consolidated basis Both consolidated and	·		
c If 'Yes' to line 2a or 2b, does the organization have a committee that assumes respo review, or compilation of its financial statements and selection of an independent	nsibility for oversight of the audit, ent accountant?	2 c )	x
If the organization changed either its oversight process or selection process du on Schedule O			
3 a As a result of a federal award, was the organization required to undergo an audit or Audit Act and OMB Circular A-133?	audits as set forth in the Single	3 a	Х
<b>b</b> If 'Yes,' did the organization undergo the required audit or audits? If the organization			
or audits, explain why on Schedule O and describe any steps taken to undergo	o such audits	3 b	
BAA TEEA0112L 01/21/20		Form <b>99</b>	<b>10</b> (201

#### **SCHEDULE A** (Form 990 or 990-EZ)

Department of the Treasury Internal Revenue Service

### **Public Charity Status and Public Support**

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.

► Go to www.irs.gov/Form990 for instructions and the latest information.

OMB No 1545 0047

Open to Public Inspection

Employer identification number Name of the organization 23-7438736 CANADA-FRANCE-HAWAII TELESCOPE CORP. Part | 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 12, check only one box) 1 A church, convention of churches, or association of churches described in section 170(b)(1)(A)(i). 2 A school described in section 170(b)(1)(A)(ii). (Attach Schedule E (Form 990 or 990-EZ)) A hospital or a cooperative hospital service organization described in section 170(b)(1)(A)(iii). 3 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 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 ) A federal, state, or local government or governmental unit described in section 170(b)(1)(A)(v). 6 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 ) 7 X A community trust described in section 170(b)(1)(A)(vi). (Complete Part II) 8 An agricultural research organization described in section 170(b)(1)(A)(ix) operated in conjunction with a land-grant college or university or a non-land-grant college of agriculture (see instructions). Enter the name, city, and state of the college or university 10 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) 11 An organization organized and operated exclusively to test for public safety. See section 509(a)(4). 12 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 in lines 12a through 12d that describes the type of supporting organization and complete lines 12e, 12f, and 12g Type I. A supporting organization operated, supervised, or controlled by its supported organization(s), typically by giving the supported organization(s) the power to regularly appoint or elect a majority of the directors or trustees of the supporting organization You must complete Part IV, Sections A and B. Type II. A supporting organization supervised or controlled in connection with its supported organization(s), by having control or management of the supporting organization vested in the same persons that control or manage the supported organization(s) You must complete Part IV, Sections A and C. Type III functionally integrated. A supporting organization operated in connection with, and functionally integrated with, its supported organization(s) (see instructions) You must complete Part IV, Sections A, D, and E. Type III non-functionally integrated. A supporting organization operated in connection with its supported organization(s) that is not functionally integrated The organization generally must satisfy a distribution requirement and an attentiveness requirement (see instructions) You must complete Part IV, Sections A and D, and Part V. Check this box if the organization received a written determination from the IRS that it is a Type I, Type II, Type III functionally integrated, or Type III non-functionally integrated supporting organization f Enter the number of supported organizations q Provide the following information about the supported organization(s) (i) Name of supported organization (ii) EIN (iii) Type of organization (described on lines 1 10 (v) Amount of monetary (vi) Amount of other (iv) Is the organization listed support (see instructions) support (see instructions) above (see instructions)) in your governing document? No (A) (B) (C) (D) (E) Total

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								
	ndar year (or fiscal year nning in) ►	(a) 2015	<b>(b)</b> 2016	<b>(c)</b> 2017	<b>(d)</b> 2018	<b>(e)</b> 2019	(f) Total	
1	Gifts, grants, contributions, and membership fees received (Do not include any 'unusual grants')	8,561,695.	8,000,382.	8,679,056.	8,121,700.	8,324,245.	41,687,078.	
2	Tax revenues levied for the organization's benefit and either paid to or expended on its behalf	,					0.	
3	The value of services or facilities furnished by a governmental unit to the organization without charge						0.	
4	Total. Add lines 1 through 3	8,561,695.	8,000,382.	8,679,056.	8,121,700.	8,324,245.	41,687,078.	
	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)						0.	
6	<b>Public support.</b> Subtract line 5 from line 4						41,687,078.	
Sec	tion B. Total Support							
Cale beg	ndar year (or fiscal year nning ın) ►	<b>(a)</b> 2015	<b>(b)</b> 2016	<b>(c)</b> 2017	<b>(d)</b> 2018	<b>(e)</b> 2019 <sub>.</sub>	<b>(f)</b> Total	
7	Amounts from line 4	8,561,695.	8,000,382.	8,679,056.	8,121,700.	8,324,245.	41,687,078.	
8	Gross income from interest, dividends, payments received on securities loans, rents, royalties, and income from similar sources	21,514.	29,492.	20,603.	55,067.	78,427.	205,103.	
9	Net income from unrelated business activities, whether or not the business is regularly carried on						0.	
10	Other income Do not include gain or loss from the sale of capital assets (Explain in Part VI)						0.	
11	Total support. Add lines 7 through 10						41,892,181.	
12	Gross receipts from related activ	vities, etc. (see in:	structions)			12	2,765,106.	
	First five years. If the Form 990 is organization, check this box and	stop here		ird, fourth, or fifth t	tax year as a sectio	on 501(c)(3)	<b>•</b>	
	tion C. Computation of Pu							
	Public support percentage for 20	•	•	ne 11, column (f))		14	99.51 %	
	Public support percentage from	·	•	ov on line 12 ca	d line 14 ic 22 1/2	15	99.58 %	
103	16a 33-1/3% support test-2019. 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	b 33-1/3% support test—2018. 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							
17a	7a 10%-facts-and-circumstances test—2019. 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.							
	10%-facts-and-circumstances to or more, and if the organization organization meets the 'facts-and to the organization organization meets the 'facts-and to the organization organization's facts and the organization of the organization organizatio	meets the 'facts-a id-circumstances'	and-circumstance test The organiza	s' test, check this ation qualifies as	box and <b>stop he</b> i a publicly support	re Explain in Par ed organization	t VI how the	
	Private foundation. If the organi	zation did not che	eck a box on line	13, 168, 168, 1/8				
RAA					Sc	пепше д (ногт 9	90 or 990-EZ) 2019	

Support Schedule for Organizations Described in Section 509(a)(2) Part III (Complete only if you checked the box on line 10 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 (c) 2017 (f) Total (d) 2018 Calendar year (or fiscal year beginning in) (a) 2015 **(b)** 2016 (e) 2019 Gifts, grants, contributions, and membership fees received (Do not include any 'unusual grants') Gross receipts from admissions, merchandise sold or services performed, or facilities furnished in any activity that is related to the organization tax-exempt purpose Gross receipts from activities that are not an unrelated trade or business under section 513 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf The value of services or facilities furnished by a governmental unit to the organization without charge Total. Add lines 1 through 5 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 **Public support.** (Subtract line 7c from line 6) Section B. Total Support (c) 2017 **(d)** 2018 **(b)** 2015 **(e)** 2019 (a) 2015 (f) Total Calendar year (or fiscal year beginning in) 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 Net income from unrelated business activities not included in line 10b, whether or not the business is regularly carried on Other income Do not include gain or loss from the sale of čapital assets (Explain in Part VI) Total support. (Add lines 9 10c, 11, and 12). 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 Public support percentage for 2019 (line 8, column (f), divided by line 13, column (f)) Public support percentage from 2018 Schedule A, Part III, line 15 16 Section D. Computation of Investment Income Percentage Investment income percentage for 2019 (line 10c, column (f), divided by line 13, column (f)) Investment income percentage from 2018 Schedule A, Part III, line 17 18 19a 33- $\sqrt{3}$ % support tests-2019. If the organization did not check the box on line 14, and line 15 is more than 33-1/3%, and line 1 is not more than 33-1/3%, check this box and stop here. The organization qualifies as a publicly supported organization 33-1/3% support tests-2018. 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 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 12 on Part I. If you checked 12a of Part I, complete Sections A and B. If you checked 12b of Part I, complete Sections A and C. If you checked 12c of Part I, complete Sections A, D, and E. If you checked 12d of Part I, complete Sections A and D, and complete Part V.)

#### Section A. All Supporting Organizations

- 1 Are all of the organization's supported organizations listed by name in the organization's governing documents? 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.
- 2 Did the organization have any supported organization that does not have an IRS determination of status under section 509(a)(1) or (2)? If 'Yes,' explain in **Part VI** how the organization determined that the supported organization was described in section 509(a)(1) or (2)
- 3a Did the organization have a supported organization described in section 501(c)(4), (5), or (6)? If 'Yes,' answer (b) and (c) below
- **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)? If 'Yes,' describe in **Part VI** when and how the organization made the determination
- c Did the organization ensure that all support to such organizations was used exclusively for section 170(c)(2)(B) purposes? If 'Yes,' explain in **Part VI** what controls the organization put in place to ensure such use
- 4a Was any supported organization not organized in the United States ('foreign supported organization')? If 'Yes' and if you checked 12a or 12b in Part I, answer (b) and (c) below
- **b** Did the organization have ultimate control and discretion in deciding whether to make grants to the foreign supported organization? 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
- 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)? 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
- 5a Did the organization add, substitute, or remove any supported organizations during the tax year? 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)
- **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? If 'Yes,' provide detail in **Part VI**.
- 7 Did the organization provide a grant, loan, compensation, or other similar payment to a substantial contributor (as 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? If 'Yes,' complete Part I of Schedule L (Form 990 or 990-EZ)
- 8 Did the organization make a loan to a disqualified person (as defined in section 4958) not described in line 7° If 'Yes, complete Part I of Schedule L. (Form 990 or 990-EZ)
- 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))? If 'Yes,' provide detail in **Part VI**
- **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? If 'Yes,' provide detail in **Part VI**
- 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? If 'Yes,' provide detail in Part VI
- 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)? If 'Yes, answer 10b below
  - **b** Did the organization have any excess business holdings in the tax year? (Use Schedule C, Form 4720, to determine whether the organization had excess business holdings)

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		(Form 990 or 990-EZ) 2019 CANADA-FRANCE-HAWAII TELESCOPE CORP. 23-74387    Supporting Organizations (continued)	36	F	Page :
Part	( IV	Supporting Organizations (continued)		Yes	No
11	Has t	he organization accepted a gift or contribution from any of the following persons?		100	1
а	A per govei	son who directly or indirectly controls, either alone or together with persons described in (b) and (c) below, the rning body of a supported organization?	11a		
b	A fan	nily member of a person described in (a) above?	11b		
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.	11c		
Sect	ion	B. Type I Supporting Organizations		•	
				Yes	No
	or ele Part If the	the directors, trustees, or membership of one or more supported organizations have the power to regularly appoint ct at least a majority of the organization's directors or trustees at all times during the tax year? If 'No,' describe in the supported organization(s) effectively operated, supervised, or controlled the organization's activities organization had more than one supported organization, describe how the powers to appoint and/or remove tors or trustees were allocated among the supported organizations and what conditions or restrictions, if any,			
	appli	ed to such powers during the tax year	1		
	that of bene	ne organization operate for the benefit of any supported organization other than the supported organization(s) operated, supervised, or controlled the supporting organization? If 'Yes,' explain in <b>Part VI</b> how providing such fit carried out the purposes of the supported organization(s) that operated, supervised, or controlled the porting organization	. 2	,	
Sect	ion (	C. Type II Supporting Organizations			
				Yes	No
		a majority of the organization's directors or trustees during the tax year also a majority of the directors or trustees		*	١.
		ch of the organization's supported organization(s)? If No,' describe in <b>Part VI</b> how control or management of the orting organization was vested in the same persons that controlled or managed the supported organization(s)	1		
Sect	ion l	D. All Type III Supporting Organizations			
				Yes	No
	orgar	ne organization provide to each of its supported organizations, by the last day of the fifth month of the nization's tax year, (i) a written notice describing the type and amount of support provided during the prior tax (ii) a copy of the Form 990 that was most recently filed as of the date of notification, and (iii) copies of the			
		nization's governing documents in effect on the date of notification, to the extent not previously provided?	1		
	organ	any of the organization's officers, directors, or trustees either (i) appointed or elected by the supported sization(s) or (ii) serving on the governing body of a supported organization? If 'No,' explain in <b>Part VI</b> how rganization maintained a close and continuous working relationship with the supported organization(s)	2		
	voice all tir	ason of the relationship described in (2), did the organization's supported organizations have a significant in the organization's investment policies and in directing the use of the organization's income or assets at nees during the tax year? If 'Yes,' describe in <b>Part VI</b> the role the organization's supported organizations played	3		
		s regard  E. Type III Functionally Integrated Supporting Organizations		<b></b>	L
1	Check	the box next to the method that the organization used to satisfy the Integral Part Test during the year (see instructions).			
а	<u></u>	he organization satisfied the Activities Test Complete line 2 below			
b	T	he organization is the parent of each of its supported organizations. Complete line 3 below			
c	T	he organization supported a governmental entity. Describe in Part VI how you supported a government entity (see	ınstruc	tions)	
2	Activ	ties Test Answer (a) and (b) below		Yes	No
	suppo organ	substantially all of the organization's activities during the tax year directly further the exempt purposes of the inted organization(s) to which the organization was responsive? If 'Yes.' then in Part VI identify those supported nizations and explain how these activities directly furthered their exempt purposes, how the organization was ensive to those supported organizations, and how the organization determined that these activities constituted		American (Constitution Constitution Constitu	
	subst	antially all of its activities	2a		<del>                                     </del>
	the o	ne activities described in (a) constitute activities that, but for the organization's involvement, one or more of rganization's supported organization(s) would have been engaged in? If 'Yes,' explain in <b>Part VI</b> the reasons for rganization's position that its supported organization(s) would have engaged in these activities but for the nization's involvement	<u>:</u> 2b	<del></del>	
3	Parer	nt of Supported Organizations Answer (a) and (b) below.			
а	Did the	ne organization have the power to regularly appoint or elect a majority of the officers, directors, or trustees of of the supported organizations? <i>Provide details in Part VI</i>	3a	<u>-</u>	

**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

	edule A (Form 990 or 990 EZ) 2019 CANADA-FRANCE-HAWAII TELESCOPE			38736 Page (
	Type III Non-Functionally Integrated 509(a)(3) Supporting Orga			D-rt \//\ <b>C</b> -r
1	Check here if the organization satisfied the Integral Part Test as a qualifying trus instructions. All other Type III non-functionally integrated supporting organization	t on I ns mu	lov 20, 1970 (explain in list complete Sections A	through E
Sec	tion 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		
Sec	tion 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	•	
1	Average monthly cash balances ,	1b		
	Fair market value of other non-exempt-use assets	1c		,
	d Total (add lines 1a, 1b, and 1c)	1d	,	
	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	1	
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		
Sec	ction C — Distributable Amount			Current Year
1	Adjusted net income for prior year (from Section A, line 8, Column A)	1	Carlo	?
2	Enter 85% of line 1	2	<b>第二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十</b>	
3	Minimum asset amount for prior year (from Section B, line 8, Column A)	3	深公规则 建产生物	C
4	Enter greater of line 2 or line 3	4	ALTERNATION DE	
5	Income tax imposed in prior year	5	<b>"是我们是我们的</b>	-
6	<b>Distributable Amount.</b> Subtract line 5 from line 4, unless subject to emergency temporary reduction (see instructions)	6		

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Schedule A (Form 990 or 990-EZ) 2019

Check here if the current year is the organization's first as a non-functionally integrated Type III supporting organization (see instructions)

Pär	tiv: Type III Non-Functionally Integrated 509(a)(3) S	upporting Organizat	ions (continued)	
Sec	tion D – Distributions			Current Year
1	Amounts paid to supported organizations to accomplish exempt pu			
2	Amounts paid to perform activity that directly furthers exempt purposes in excess of income from activity			
3	Administrative expenses paid to accomplish exempt purposes of s	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 Part VI) See instructions	tion is responsive (provide o	details	
9	Distributable amount for 2019 from Section C, line 6			
10	Line 8 amount divided by line 9 amount ,			
Sec	tion E – Distribution Allocations (see instructions)	(i) Excess Distributions	(ii) Underdistributions Pre-2019	(III) Distributable Amount for 2019
1	Distributable amount for 2019 from Section C, line 6	新学器的图像的	经被补偿的	
2	Underdistributions, if any, for years prior to 2019 (reasonable cause required — explain in Part VI) See instructions			15
3	Excess distributions carryover, if any, to 2019	/%.5/1269EV2501466		
а	From 2014	WEST TO THE STATE OF THE STATE	#XTOXXXXXXX	
b	From 2015	MATERIAL STATES		
C	From 2016			
	From 2017			
	From 2018			
1	f Total of lines 3a through e			
ç	Applied to underdistributions of prior years			
F	Applied to 2019 distributable amount			
	i Carryover from 2014 not applied (see instructions)			
	Remainder Subtract lines 3g, 3h and 3i from 3f			
4	Distributions for 2019 from Section D, line 7 \$			
a	Applied to underdistributions of prior years			A STATE OF THE STA
Ŀ	Applied to 2019 distributable amount	<b>国企业的基本的企业</b>		
	Remainder Subtract lines 4a and 4b from 4		************	
5	Remaining underdistributions for years prior to 2019, if any Subtract lines 3g and 4a from line 2. For result greater than zero, explain in Part VI. See instructions			
6	Remaining underdistributions for 2019 Subtract lines 3h and 4b from line 1. For result greater than zero, explain in Part VI. See instructions			
7	Excess distributions carryover to 2020. Add lines 3j and 4c			MARTINE CHECKY
8	Breakdown of line 7	TO THE PARTY OF THE		
a	Excess from 2015	FERRORES		AFTERSEASON OF THE SECOND
	Excess from 2016	PARTY OF TAXABLE		<b>说的这种类似的</b>
	Excess from 2017			CONTRACTOR OF THE STATE OF THE
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	Excess from 2019			GENERAL CO

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Schedule A (Form 990 or 990-EZ) 2019

Part VI Supplemental Information. Provide the explanations required by Part II, line 10, Part II, line 17a or 17b, Part III, line 12, Part IV, Section A, lines 1, 2, 3b, 3c, 4b, 4c, 5a, 6, 9a, 9b, 9c, 11a, 11b, and 11c; Part IV, Section B, lines 1 and 2, Part IV, Section C, line 1, Part IV, Section D, lines 2 and 3, Part IV, Section E, lines 1c, 2a, 2b, 3a, and 3b; Part V, line 1, Part V, Section B, line 1e, Part V, Section D, lines 5, 6, and 8, and Part V, Section E, lines 2, 5, and 6 Also complete this part for any additional information (See instructions)

## SCHEDULE D (Form 990)

Department of the Treasury Internal Revenue Service

Name of the organization

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.

Go to www.irs.gov/Form990 for instructions and the latest information.

OMB No 1545 0047 2019

Open to Public Inspection Employer identification number

	CANADA-FRANCE-HAWAII TELESO	COPE CORP.		23-7438736
Par	+ I Organizations Maintaining Dono	or Advised Funds or Other	Similar Fu	nds or Accounts.
	Complete if the organization answ	wered 'Yes' on Form 990, P	art IV, line	e 6
		(a) Donor advised fund	ds	(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 dor are the organization's property, subject to the	nor advisors in writing that the ass organization's exclusive legal con	sets held in d	onor advised funds Yes No
6	Did the organization inform all grantees, dono for charitable purposes and not for the benefit impermissible private benefit?	rs, and donor advisors in writing to the donor or donor advisor, or	that grant fun for any othe	ds can be used only r purpose conferring Yes No
Pai	t II Conservation Easements.			
1	Complete if the organization ans	wered 'Yes' on Form 990, F	Part IV, line	e 7.
1	Purpose(s) of conservation easements held by	y the organization (check all that a	apply)	
	Preservation of land for public use (for example)	ple, recreation or education)	Preservat	tion of a historically important land area
	Protection of natural habitat		Preservat	tion of a certified historic structure
	Preservation of open space		_	
2	Complete lines 2a through 2d if the organization hast day of the tax year	neld a qualified conservation contribu	ution in the for	
				Held at the End of the Tax Year
	a Total number of conservation easements			2a
	b Total acreage restricted by conservation ease			2 b
	Number of conservation easements on a certi	fied historic structure included in	(a)	2 c
•	d Number of conservation easements included i structure listed in the National Register	.,		2 d
3	Number of conservation easements modified, trantax year ►	nsferred, released, extinguished, or t	erminated by	the organization during the
4	Number of states where property subject to conse	ervation easement is located >		_
5	Does the organization have a written policy re	garding the periodic monitoring, i	nspection, ha	andling of violations,
	and enforcement of the conservation easemed			∐ Yes ☐ No
6	Staff and volunteer hours devoted to monitoring,			
7	Amount of expenses incurred in monitoring, insper  ▶ \$	ecting, handling of violations, and en	iforcing consei	rvation easements during the year
8	Does each conservation easement reported or and section 170(h)(4)(B)(ii)?	n line 2(d) above satisfy the requi	rements of se	ection 170(h)(4)(B)(i)
9	In Part XIII, describe how the organization rep include, if applicable, the text of the footnote conservation easements	ports conservation easements in it to the organization's financial stat	ts revenue ar tements that	nd expense statement and balance sheet, and describes the organization's accounting for
Pa	Complete if the organization ans	ections of Art, Historical Tre wered 'Yes' on Form 990, F	easures, or Part IV, line	r Other Similar Assets.
1.	a If the organization elected, as permitted unde historical treasures, or other similar assets he Part XIII the text of the footnote to its financial	eld for public exhibition, education	, or research	statement and balance sheet works of art, in furtherance of public service, provide in
	b If the organization elected, as permitted unde historical treasures, or other similar assets held following amounts relating to these items	r FASB ASC 958, to report in its r or public exhibition, education, or re-	revenue state search in furth	ment and balance sheet works of art, lerance of public service, provide the
	(i) Revenue included on Form 990, Part VIII,	line 1		▶\$
	(ii) Assets included in Form 990, Part X			<b>▶</b> \$
2	If the organization received or held works of art, I amounts required to be reported under FASB	historical treasures, or other similar a ASC 958 relating to these items	assets for fina	ncial gain, provide the following
	a Revenue included on Form 990, Part VIII, line			<b>►</b> \$
	<b>b</b> Assets included in Form 990, Part X			<b>▶</b> \$

Schedule D (Form 990) 2019 CANAL Part III Organizations Maintain				23-743 r Other Similar Ass		Page <b>2</b> <i>ed</i> )
3 Using the organization's acquisition	<del>-</del>					
items (check all that apply)		مده التا به	or evehance program			
a Public exhibition		H	or exchange program			
b Scholarly research c Preservation for future gener	ations	e U Other				
Preservation for future gener     Provide a description of the organiz     Part XIII		and explain how the	y further the organization	's exempt purpose in		
5 During the year, did the organiza to be sold to raise funds rather the	tion solicit or rece	eive donations of ar	t, historical treasures, o	or other similar assets	☐ Yes ☐	No
Part IV Escrow and Custodia						
line 9, or reported an	amount on For	m 990, Part X,	line 21.	.0	202,	,
1 a Is the organization an agent, trus				per accets not included		
on Form 990, Part X?	stee, custodian or	other intermediary	TOT CONTINUATIONS OF OUR	ier assets flot included	Yes	No
<b>b</b> If 'Yes,' explain the arrangement	in Part XIII and o	omplete the follow	ing table			
					Amount	
c Beginning balance				1 c		
d Additions during the year				1 d		
e Distributions during the year				1 e		
f Ending balance				1f	<del></del>	7
2 a Did the organization include an a					Yes	No
<b>b</b> If 'Yes,' explain the arrangement	in Part XIII Chec	k here if the expla	nation has been provide	ed on Part XIII	L	
D-AV F-1-0			and West on E	arm 000 Dort IV Ju	20.10	
Part V Endowment Funds. C		(b) Prior yea			(e) Four years	s hack
1 a Beginning of year balance	(a) Current year	(b) Filor yea	(c) Two years oac	(u) Thee years back	(e) rour years	s Dack
<b>b</b> Contributions					<del>-</del>	
c Net investment earnings, gains,		-				
and losses					-	
d Grants or scholarships					<del> </del>	
Other expenditures for facilities and programs						
f Administrative expenses						
g End of year balance	o of the ourrent w	or and balance (lu	ao 1a, column (a)) hald			
2 Provide the estimated percentage a Board designated or quasi-endown	•	ear end balance (iii	ie rg, column (a)) nelu	as		
b Permanent endowment		°				
c Term endowment						
The percentages on lines 2a, 2b, a	<del></del> -	100%				
3	•					
3 a Are there endowment funds not in to organization by	the possession of the	ne organization that	are held and administere	d for the	Yes	No
(i) Unrelated organizations					3a(ı)	
(ii) Related organizations					3a(II)	
<b>b</b> If 'Yes' on line 3a(ii), are the rela	ated organizations	listed as required	on Schedule R?		3b	
4 Describe in Part XIII the intended	<del>-</del>					
Part VI Land, Buildings, and	Equipment.				· · · ·	
Complete if the organi		ed 'Yes' on For	m 990, Part IV, line	e 11a See Form 99	0, Part X, Iir	ne 10.
Description of property	(a) (	Cost or other basis (investment)	(b) Cost or other basis (other)	(c) Accumulated depreciation	(d) Book va	lue
1 a Land	-		303,703.		303,	703.
<b>b</b> Buildings			15,036,627.	10,277,298.	4,759,	
c Leasehold improvements				, , = = = =	,	
<b>d</b> Equipment			26,404,995.	20,375,138.	6,029,	857.
e Other			8,078.	1		,078.
Total. Add lines 1a through 1e (Colum	nn (d) must equal	Form 990, Part X,		<b>•</b>	11,100,	
BAA	* ***			Sched	ule D (Form 990	

Part VII	Investments -	Other Securities.		N/A	000 David V June 10
				, Part IV, line 11b. See Form	
		ory (including name of security)	(b) Book value	(c) Method of valuation Cost or end-	of-year market value
	ial derivatives held equity interests	_			
(3) Other	rileid equity interests	•			
(A)				-	
(B)	<del>-</del>		***************************************		······································
(C)					
(D)					
<u>(E)</u>					
<u>(F)</u>		. <b>  </b>			
$\frac{(G)}{(H)}$		· <b></b>			
(I)		· <b></b>			
		0, Part X, column (B) line 12 )			
	Investments -	Program Related.		N/A	
	Complete if the	organization answered		), Part IV, line 11c See Form 9	990, Part X, line 13
	(a) Description of i	nvestment	(b) Book value	(c) Method of valuation Cost or end	d-of-year market value_
(1)					<u></u> .
(2)					
(3)					
(5)					
(6)					
(7)					
(8)					
(9)					
(10)	on (h) must aqual Form 00	0, Part X, column (B) line 13)			
Part IX	Other Assets.				<del></del>
	Complete if the			), Part IV, line 11d See Form 9	
(1)		(a) Des	cription		(b) Book value
(2)					
(3)					
(4)					<del> </del>
(5)			<del></del>		
<u>(6)</u> (7)					
(8)	***				
(9)					
(10)					_
		Form 990, Part X, column (E	3) line 15 )		
Part X	Other Liabilitie Complete if the organic	s. anization answered 'Yes' on Fr	orm 990, Part IV, line 11	le or 11f. See Form 990, Part X, line 25	5
1.			ption of liability		(b) Book value
	ral income taxes				
(2)					
(3)			-		-
(5)					
(6)					
(7)					
(8)					
(10)	-				
(11)					
	nn (b) must equal Form 99	0, Part X, column (B) line 25)			<b>&gt;</b>
2. Liability fo	or uncertain tax positions. I	In Part XIII, provide the text of the foo		nancial statements that reports the organization	s liability for uncertain
tax positions	under FASB ASC 740 Che	ck here if the text of the footnote has	been provided in Part XIII	S	ee 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	10,138,003.
2 Amounts included on line 1 but not on Form 990, Part VIII, line 12		
a Net unrealized gains (losses) on investments		
b Donated services and use of facilities 2b 1,208,49	8.	
c Recoveries of prior year grants		
d Other (Describe in Part XIII )		
e Add lines 2a through 2d	2 e	1,208,498.
3 Subtract line 2e from line 1	3	8,929,505.
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		
b Other (Describe in Part XIII )		
c Add lines 4a and 4b.	4 c	
5 Total revenue Add lines 3 and 4c. (This must equal Form 990, Part I, line 12)	5	8,929,505.
Part XII Reconciliation of Expenses per Audited Financial Statements With Expenses per	er Returr	1.
Complete if the organization answered 'Yes' on Form 990, Part IV, line 12a		
Total expenses and losses per audited financial statements	1	10,762,331.
2 Amounts included on line 1 but not on Form 990, Part IX, line 25		
a Donated services and use of facilities 2a 1,208,49	8.	
b Prior year adjustments 2b		
c Other losses 2c		
d Other (Describe in Part XIII )		
e Add lines 2a through 2d	2 e	1,208,498.
3 Subtract line 2e from line 1	3	9,553,833.
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		
b Other (Describe in Part XIII )	_] _	
c Add lines 4a and 4b.	4 c	
5 Total expenses Add lines 3 and 4c. (This must equal Form 990, Part I, line 18)	5	9.553.833.

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 X - FASB ASC 740 Footnote

Part XIII Supplemental Information.

The corporation is exempt from income taxes under section 501(c)(3) of the Internal Revenue Code, as evidenced by its tax determination letter dated January 27, 1976 and is generally not subject to federal income taxes. However, the corporation is subject to income taxes on any net income that is derived from trade or business, regularly carried on and not in furtherance of the purposes for which it was granted exemption. No income tax provision has been recorded, as it is the opinion of

management that net income from any unrelated trade or business, if any, is not
Schedule D (Form 990) 2019

BAA

Part XIII Supplemental Information (continued)

#### Part X - FASB ASC 740 Footnote (continued)

material to the financial statements taken as a whole.

The corporation determines whether a tax position is more likely than not to be sustained upon examination, including resolution of any related appeals or litigation processes, based on the technical merits of the position. For tax positions meeting the more-likely-than-not threshold, the tax amount recognized in the financial statements is the largest benefit that has a greater than 50% likelihood of being realized upon ultimate settlement with the relevant taxing authority. With few exceptions, the corporation is no longer subject to U.S. federal examinations by tax authorities through the year ended December 31, 2015.

## SCHEDULE F (Form 990)

Statement of Activities Outside the United States

► Complete if the organization answered 'Yes' on Form 990, Part IV, line 14b, 15, or 16. ► Attach to Form 990.

OMB No 1545 0047

Department of the Treasury Internal Revenue Service

► Go to www.irs.gov/Form990 for instructions and the latest information.

Open to Public

Name of the organization				Employer identifi	ication number
CANADA-FRANCE-HAWAII	TELESCOPE	CORP		23-74387	36
Part I General Informat on Form 990, Par	ion on Activiti	es Outside th	e United States. Complet		
			substantiate the amount of its of selection criteria used to award		
2 For grantmakers. Describe in United States	n Part V the organi	zation's procedure	s for monitoring the use of its gra	nts and other assistance of	outside the
3 Activities per Region (The	following Part I I	ine 3 table can b	e duplicated if additional space	s needed \Dart V	
(a) Region	(b) Number of offices in the region	(c) Number of employees, agents, and independent contractors in the region	(d) Activities conducted in the region (by type) (such as, fundraising, program services, investments, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in the region	(f) Total expenditures for and investments in the region
			PRG SVC TRAVEL-ATTEND		
(1) EUROPE			MEETINGS	COLLABORATION	67,690
400			PRG SVC TRAVEL-ATTEND	•	
(2) NORTH AMERICA-CANADA	<u> </u>		MEETINGS	COLLABORATION	101,204
(2) nacm acra			PRG SVC TRAVEL-ATTEND	COLLABORATION	16 621
(3) EAST ASIA		· · ·	MEETINGS PRINTING-PROGRAM	COLLABORATION ASTRO EDUC	. 16,631
(4) EUROPE			SERVICES	MATERIAL	16,108
( y Bolloi B			PRG SVC TRAVEL-ATTEND	PATERIAD	10,100
(5) SOUTH AMERICA			MEETINGS	COLLABORATION	4,233
(6)					
(7)					
(8)					_
(9)			• ,		
(10)					
(11)					
(12)					
(13)					
(14)					
(15)					
(16)					<del></del>
(17)					
3 a Subtotal		<del></del> -		\$\$#\$\$#\$\$#\$\$	205, 866.
<b>b</b> Total from continuation sheets to Part I					
C Totale (add lines 32 and 3h)			和联系的"Line"上海的1996年1996年1996年1996年1996年1996年1996年1996	MERKAN LAWARA	205 966

Schedule F (Form 990) 2019 CANADA-FRANCE-HAWAII TELESCOPE CORP 23-7438736

Part III Grants and Other Assistance to Organizations or Entities Outside the United States. Complete if the organization answered 'Yes' on Form .990, Part IV, line 15, for any recipient who received more than \$5,000 Part II can be duplicated if additional space is needed

1 (a) Name of organization	(b) IRS code section and EIN (if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of , cash grant	(f) Manner of cash disbursement.	(g) Amount of noncash assistance	(h) Description of noncash assistance	(i) Method of valuation (book, FMV, appraisal, other)
	\$2.50 KA 6.75	96. 1		٠.				-
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		1		. 1				
Part of the state								
		•				r		
POST REAL PROPERTY.					٠.		•	
								, ,
			ı	,				

! Enter total number of recipient organizations listed above that are recognized as charities by the foreign country, recognized as tax exempt by the IRS, or for which the grantee or counsel has provided a section 501(c)(3) equivalency letter	ch
--	----

3 Enter total number of other organizations or entities BAA

Schedule F (Form 990) 2019

TEEA3502L 06/28/19 .

23-7438736

Part III/ Grants and Other Assistance to Individuals Outside the United States. Complete if the organization answered 'Yes' on Form 990, Part IV, line 16 Part III can be duplicated if additional space is needed (h) Method of valuation (book, FMV, appraisal, other) (d) Amount of cash grant (e) Manner of cash disbursement (f) Amount of noncash assistance (g) Description of noncash assistance (a) Type of grant or assistance (b) Region (c) Number of recipients (1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) ` (13) (14) (15) (16) (17) (18) Schedule F (Form 990) 2019 BAA

TEEA3503L 06/28/19

Sche	edule F (Form 990) 2019 CANADA-FRANCE-HAWAII TELESCOPE CORP. 23	-7438736	Page <b>4</b>
Pa	rt 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, Return by a U.S. Transferor of Property to a Foreign Corporation (see Instructions for Form 926)	Yes	X No
2	Did the organization have an interest in a foreign trust during the tax year? If 'Yes,' the organization may be required to separately file Form 3520, Annual Return To Report Transactions With Foreign Trusts and Receipt of Certain Foreign Gifts, and/or Form 3520-A, Annual Information Return of Foreign Trust With a U S Owner (see Instructions for Forms 3520 and 3520-A, don't file with Form 990)	Yes	X 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)	n ☐Yes	X 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, Information Return by a Shareholder of a Passive Foreign Investment Company or Qualified Electing Fund (see Instructions for Form 8621)	d Yes	X 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	X 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 separately file Form 5713, International Boycott Report (see Instructions for Form 5713, don't file with Form 990)	Yes	X No
BAA	TEEA3505L 06/28/19	Schedule F (F	orm 990) 2019

#### Part V Supplemental Information

Provide the information required by Part I, line 2 (monitoring of funds), Part I, line 3, column (f) (accounting method; amounts of investments vs. expenditures per region), Part II, line 1 (accounting method); Part III (accounting method), and Part III, column (c) (estimated number of recipients), as applicable. Also complete this part to provide any additional information. See instructions

#### Part I - Additional Supplemental Information

Financial information is reported on the accrual basis.

## SCHEDULE I (Form 990)

# 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 Go to www irs gov/Form990 for the latest information

2019

OMB No 1545 0047

Department of the Treasury Internal Revenue Service

Open to Public Inspection

Name of the organization						Employer identific	ation number	
CANADA-FRANCE-HAWAII TELESC	OPE CORP					23-743873	36	
Part I General Information on Gr		nce						
Does the organization maintain records to the selection criteria used to award the	e grants or assistant	e <sup>y</sup>		eligibility for the grants			X	No
<ol><li>Describe in Part IV the organization's pro</li></ol>						art IV		
Part II, Grants and Other Assistan Form 990, Part IV, line 21,	for any recipient	Organizations that received i	and Domestic Governore than \$5,000 F	ernments. Comple Part II can be dupli	te if the organizat cated if additional	ion answered 'Y space is neede	es' on d	
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 noncash assistance	(h) Purpo or ass	ose of grant sistance
(1)								
(2)								
(3)								
			į					
(4)								
(5)								
(6)								
<u>(7)</u>								
							<u></u>	
(8)								
	2 Enter total number of section 501(c)(3) and government organizations listed in the line 1 table							0
3 Enter total number of other organizati	ons listed in the line	1 table						0

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

TEEA3901L 07/10/19

Schedule I (Form 990) (2019)

## Schedule I (Form 990) (2019) CANADA-FRANCE-HAWAII TELESCOPE CORP 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 noncash assistance	(e) Method of valuation (book FMV appraisal other)	(f) Description of noncash assistance		
1 UNIV OF HAWAII-HILO SCHOLARSHIP	1	10,000					
2							
3							
4							
5							
6							
7							

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

#### Part I, Line 2 - Procedures for Monitoring Use of Grants Funds in U.S.

PART III The Maunakea Scholars program launched the new Hokuala scholarship in 2018 This scholarship is offered to (1) high school seniors that have received observing time from the Maunakea Scholars program, (2) would like to pursue a college degree in astronomy, (3) have demonstrated exemplary research through the Maunakea Scholars programs, and (4) have need for financial assistance to enable their college educations

BAA Schedule I (Form 990) (2019)

TEEA3902L 07/10/19

#### SCHEDULE J (Form 990)

Department of the Treasury Internal Revenue Service

Name of the organization

**Compensation Information** 

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

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

► Attach to Form 990.

► Go to www irs gov/Form990 for instructions and the latest information.

OMB No 1545-0047

2019

Open to Public Inspection

23-7438736 CANADA-FRANCE-HAWAII TELESCOPE CORP **Questions Regarding Compensation** Yes No 1 a 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 Housing allowance or residence for personal use First-class or charter travel Payments for business use of personal residence Travel for companions Health or social club dues or initiation fees Tax indemnification and gross-up payments Personal services (such as maid, chauffeur, chef) Discretionary spending account 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 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 on line 1a? Indicate which, if any, of the following the 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 Compensation committee Written employment contract Independent compensation consultant Compensation survey or study X Form 990 of other organizations Approval by the board or compensation committee 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? **4** a 4 h Χ b Participate in, or receive payment from, a supplemental nonqualified retirement plan? 4 c 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. 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 **5** a a The organization? 5 b b Any related organization? If 'Yes' on line 5a or 5b, describe in Part III 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? **6** a b Any related organization? 6 h If 'Yes' on line 6a or 6b, describe in Part III For persons listed on Form 990, Part VII, Section A. line 1a, did the organization provide any nonfixed payments not described on lines 5 and 67 if 'Yes,' describe in Part III 7 Х 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 8 Х If 'Yes' on line 8, did the organization also follow the rebuttable presumption procedure described in Regulations section  $53.4958-6(c)^2$ 

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

Schedule J (Form 990) 2019

23-7438736

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 T 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 aren't 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 MI	SC compensation	(C) Petrement	(D) Nonlaxable	(E) Total of	(E) Componention
		(i) Base compensation	(ii) Bonus & incentive compensation	(iii) Other reportable compensation	(C) Retirement and other deferred compensation	benefits	(E) Total of columns(B)(i) (D)	(F) Compensation in column (B) reported as deferred on prior Form 990
TRACY YOST	(0)	172,436	0	0	20,844	30,052	223,332	0.
1 CFO	(11)	0	0	0	0	0	0	0.
DOUGLAS SIMONS	(3)	221,038.	0_		26,652	32,183	279,873	0.
2 Executive Direc	(11)	0	0	0	0	0	0	0.
DANIEL DEVOST	(3)	156,361	0_	0	18,700.	30,074	205,135	0
3 Director of Science	(11)	0	0	0	0	0	0	0.
ANDY SHEINIS	(1)	167,308	17,780	17,135	20,102	25, 323	247,648	0.
4 Director of Engineering	(II)	0	0.	0	0	0	0	0.
KEVIN HO	(0)	162,797	2,500		19,768.	30,711	215,776	0.
5 Instrumentn Mgr	(n)	0	0	0	0	0	0	0
GREG BARRICK	(1)	150,142	2,500	19,963	18,484	25,103	216,192	0
6 Optical Engineer	(11)	0	0	0	0	0	0	0
KEI SZETO	(1)	157,695	1,000		18,840	24,496	202,031	0
7 MSE Project Engr	(II)	. 0	0	0	00	0	0	0
MARC BARIL	(0)	144,715	2,500		17,794	23,504.	188,513	0_
8 Electronics Enginr	(1)	0	0	0	0	0	0	0
TOM VERMEULEN	(0)	140,927	<u> </u>	0	16,848	24,178_	181,953	0_
9 System Programmer	(n)	. 0	00	00	00	0	0	0.
	[0]						L	
10	(11)							
	ω			 		 	<b>L</b>	
11	(11)							
	(0)						L	
12	(11)						]	
	(0)				L		L	
13	(n)							
	(1)						L	]
14	(II)							
	ω						L	
15	(11)							
	(1)						L	
16	(11)							
BAA			TEEA4102L 8/2/1	9			Schedule	J (Form 990) 2019

Part III | Supplemental Information

Provide the information, explanation, or descriptions required for Part I, lines 1a, 1b, 3, 4a, 4b, 4c, 5a, 5b, 6a, 6b, 7, and 8, and for Part II Also complete this part for any additional information

#### SCHEDULE O (Form 990 or 990-EZ)

#### 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.

2019

Open to Public Inspection

Department of the Treasury Internal Revenue Service

► Go to www.irs.gov/Form990 for the latest information.

Name of the organization

CANADA-FRANCE-HAWAII TELESCOPE CORP.

Employer identification number 23-7438736

#### Form 990, Part III, Line 4a - Program Service Accomplishments

#### **OBSERVATORY OPERATIONS**

CFHT is a high-tech service provider delivering exquisite astronomical data leading to scientific discoveries at the forefront of today's astronomy.

CFHT operates, maintains and develops state-of-the-art instrumentation on its telescope located at the top of Maunakea in Hawaii, one of the best sites in the world for astronomical research, servicing the scientific communities from Canada, France and Hawaii, and through collaborative agreements with Taiwan and China.

In addition, CFHT conducts scientific observations on behalf of its astronomical community, as well as the data reduction stemming from those observations.

In 2019, 332 nights were allocated to observations of 217 different scientific proposals, representing more than 1,400 collaborators. One of our five Large Programs was completed and the execution of the other four is continuing. These Large Programs involve several dozens of scientific collaborations worldwide. Also in 2019, more than 213 publications appeared in refereed scientific journals based on prior years' observations at CFHT.

CFHT'S communications and outreach program plays an important role in the local community via its educational activities in neighboring schools and cultural centers.

This approach is threefold: 1.) Showcase CFHT'S staff, science and instrumentation,

2.) Engage, excite and inspire Big Island keiki and their families, and 3.) Expand

#### Form 990, Part III, Line 4a - Program Service Accomplishments

community events that reached more than 7,500 people in 2019.

In addition, CFHT opens the summit facility to the public once per quarter as an active participant in the Kamaaina Observatory Experience (KOE). KOE combines the science, cultural and environmental aspects of Maunakea.

CFHT supported three major outreach initiatives aimed at local students. CFHT continues to oversee the expansion of the successful "Journey Through the Universe" program that reached approximately 1,800 students. Staff visited classrooms during this two week-long event and gave talks about careers in astronomy, science, and engineering.

The second initiative, the Maunakea Scholars program, gave students from thirteen Hawaii high schools the opportunity to compete for actual telescope observing time. All participants in the Maunakea Scholars program had the opportunity to visit the summit of Maunakea. Students awarded telescope time in 2019 had access to observing time from all of the Maunakea observatories. Students awarded telescope time and planning on majoring in astronomy have the opportunity to apply for the Hokuala Scholarship funded by Maunakea Scholars.

The third initiative is the A Hua He Inoa program in conjunction with Imiloa Astronomy Center and the University of Hawaii at Hilo College of Hawaiian Language. Students work with experts in astronomy and Hawaiian language to name objects discovered using the Maunakea Observatories authentic Hawaiian names. The black hole image announced in April 2019, Powehi, was part of this project.

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#### Form 990, Part III, Line 4a - Program Service Accomplishments

Program service expenses include reimbursed expenses of \$500,434 for astronomer services (reimb. astronomer svcs), and \$36,728 in miscellaneous direct reimbursed expenses related to carrying out astronomical research on Maunakea.

#### Form 990, Part III, Line 4b - Program Service Accomplishments

#### MAUNAKEA SPECTROGRAPHIC EXPLORER PROJECT

Maunakea Spectroscopic Explorer (MSE) 2019 began with change of scientific leadership to the Project Office. Jennifer Marshall, new Project Scientist, brought her scientific knowledge, US and international project experience to the project. As a result, we made great progress in reaching the US astronomical community. This is evident in the growth of science team membership, 25% of the 400+ members are now from the US.

MSE has excellent recognition in the national strategic planning process for astronomical infrastructure among our international partners. MSE received the highest priority ranking in the French Prospective process, and we anticipant high priority rankings in the US Astro2020 Survey and Canadian Long Range processes. In addition, UK university consortium joined the partnership as observer and Texas A&M University transitioned into full member.

In addition to supporting the national strategic planning processes and partnership promotion, we plan to start the Preliminary Design Phase (PDP) mid-2021, in order to coincide with the release of the Astro2020 and LRP recommendations for astronomic priorities in the US and Canada. Meanwhile, we have started the Design Reference

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#### Form 990, Part III, Line 4b - Program Service Accomplishments

Survey development to validate the conceptual design baseline with respect to the science and design requirements and to ensure MSE will have the science capabilities envisaged by the astronomical community.

#### Form 990, Part VI, Line 6 - Explanation of Classes of Members or Shareholder

Canada-France-Hawaii Telescope Corporation (CFHT) was formed under a tripartite agreement between the National Research Council (NRC) of Canada, the Centre National de la Recherche Scientifique (CNRS) of France, and the University of Hawaii (UH). These three institutions are the members of the corporation, referred to as the member agencies. NRC and CNRS are both government-funded, research agencies of their respective countries. The UH is a public system of higher education in the state of Hawaii.

#### Form 990, Part VI, Line 7a - How Members or Shareholders Elect Governing Body

The member agencies appoint the members of the governing body (board of directors. NRC and CNRS each appoint 4 directors and the UH appoints 2 directors.

#### Form 990, Part VI, Line 11b - Form 990 Review Process

Form 990 is submitted to the audit committee of the board of directors to reconcile the financial amounts to the audited financial statements. Once this process is complete, management submits Form 990 to the board of directors for their additional review, along with the audited financial statements.

#### Form 990, Part VI, Line 12c - Explanation of Monitoring and Enforcement of Conflicts

Policy requires all members of the governing body and key employees to disclose conflicts of interest annually on a signed statement. These statements are reviewed by management for compliance. If a conflict is discovered, it is escalated to the appropriate party within the organization.

#### Form 990, Part VI, Line 15a - Compensation Review & Approval Process - CEO & Top Management

15(A) The current Executive Director (ED), Dr. Douglas Simons, began his term on May 1, 2012. His salary was determined by comparable market data from similar institutions and deliberation by the Board of Directors. Every two years the Board of Directors conducts an evaluation of the ED's performance and reevaluates the compensation based on market data and job performance, making adjustments as deemed appropriate. The actions are documented by contemporaneous substantiation with authorizations noted in the Board minutes.

Form 990, Part VI, Line 15b - Compensation Review & Approval Process - Officers & Key Employees 15(B) The Salaries of officers and key employees are determined by the Executive Director based upon market based comparisons of similar industries and institutions in which we compete for employees.

Each position within the company has market based compensation bands that are reviewed an updated annually. The compensation bands are based on local and regional salary surveys from a variety of sources. Compensation within the bands from low to high is dependent on a variety of factors - career experience, tenure within the company, job performance, etc.

All employees have an annual review which includes a determination of compensations adjustments. Compensation increases consist of a cost of living adjustment and a merit based adjustment. The cost of living adjustment is applied to all employees based on local inflation and market based indicators. Merit based increases are considered for each employee based on performance, experience and professional skills development exhibited by the employee. All pay increases are approved by the Board of Directors prior to being implemented.

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#### Form 990, Part VI, Line 19 - Other Organization Documents Publicly Available

The organization provides copies of its governing documents, conflict of interest policy, and financial statements available to the public upon request.

#### Form 990, Part VII - Compensation Explanation

#### **MATTHEW S. PLATZ**

Reimbursed under an accountable plan for travel expenses incurred to attend annual BOD meeting.

#### **HERVE AUSSEL**

Reimbursed under an accountable plan for travel expenses incurred to attend annual BOD meeting.

#### JEROME BOUVIER

Reimbursed under an accountable plan for travel expenses incurred to attend annual BOD meeting.

#### **DOUGLAS WELCH**

Reimbursed under an accountable plan for travel expenses incurred to attend annual BOD meeting.

#### **GUY PERRIN**

Reimbursed under an accountable plan for travel expenses incurred to attend annual BOD meeting.

#### **HOWARD YEE**

Reimbursed under an accountable plan for travel expenses incurred to attend annual BOD meeting.

#### THIERRY CONTINI

Reimbursed under an accountable plan for travel expenses incurred to attend annual BOD meeting.

#### J-J. KAVELAARS

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CANADA-FRANCE-HAWATI TELESCOPE CORP.	23-7438736	

### Form 990, Part VII - Compensation Explanation (continued)

Reimbursed under an accountable plan for travel expenses incurred to attend annual BOD meeting.

#### **LENNOX COWIE**

Reimbursed under an accountable plan for travel expenses incurred to attend annual BOD meeting.

#### **LAURA FERRARESE**

Reimbursed under an accountable plan for travel expenses incurred to attend annual BOD meeting.