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UNIVERSITY OF HAWAI'I AT HILO

BOARD OF LAND AND NATURAL RESOURCES

STATE OF HAWAI'I

IN THE MATTER OF

Contested Case Hearing Re Conservation
District Use Application (CDUA) HA-3568 for
the Thirty Meter Telescope at the Mauna Kea
Science Reserve, Ka'oho Mauka, Hāmakua,
Hawai'i, TMK (3) 4-4-015:009

Case No. BLNR-CC-16-002

APPLICANT UNIVERSITY OF HAWAI'I
AT HILO'S **EXHIBIT LIST**;
CERTIFICATE OF SERVICE

CONTESTED CASE HEARING:

DATE: October 18, 2016

TIME: 9:00 a.m.

HEARING OFFICER: Hon. Riki May
Amano (Ret.)

APPLICANT UNIVERSITY OF HAWAI'I AT HILO'S EXHIBIT LIST

Exhibit No.	Description
A-1. (R-1)	Conservation District Use Application (CDUA) HA-3568 for the Thirty Meter Telescope (TMT) Project from the University of Hawaii (September 2, 2010)
A-2. (R-2)	TMT Project Chapter 343 Final Environmental Impact Statement (EIS) Summary Sheet
A-3. (R-3)	TMT Final EIS Volume 1 (May 8, 2010)
A-4. (R-4)	TMT Final EIS Volume 2 (May 8, 2010)
A-5. (R-5)	TMT Final EIS Volume 3 (May 8, 2010)

Exhibit No.	Description
A-6. (R-6)	Acceptance Letter of the Governor Regarding TMT Final EIS (May 19, 2010)
A-7. (R-7)	OCCL Staff Report on CDUA HA-3568 for the TMT (February 25, 2011)
A-8. (R-8)	Exhibits to OCCL Staff Report on CDUA HA-3568 for the TMT
A-9.	Mauna Kea Comprehensive Management Plan (January 2009)
A-10.	Natural Resource Management Plan (September 2009)
A-11.	Cultural Resources Management Plan (October 2009)
A-12.	Public Access Plan (January 2010)
A-13.	Decommissioning Plan (January 2010)
A-14.	OCCL Staff Report, Resource Subplans (March 25, 2010)
A-15.	2010 Annual Report (April 1, 2010)
A-16.	2010 Annual Report to the Board of Land and Natural Resources, Status of the Development of the Comprehensive Management Plan's Management Actions
A-17.	2011 Annual Report to the Board of Land and Natural Resources, Status of the Development of the Comprehensive Management Plan's Management Actions
A-18.	2012 Annual Report to the Board of Land and Natural Resources, Status of the Development of the Comprehensive Management Plan's Management Actions
A-19.	2013 Annual Report to the Board of Land and Natural Resources, Status of the Development of the Comprehensive Management Plan's Management Actions
A-20.	2014 Annual Report to the Board of Land and Natural Resources, Status of the Development of the Comprehensive Management Plan's Management Actions
A-21.	2015 Annual Report to the Board of Land and Natural Resources, Status of the Development of the Comprehensive Management Plan's Management Actions
A-22.	2016 Annual Report to the Board of Land and Natural Resources, Status of the Development of the Comprehensive Management Plan's Management Actions
A-23.	OCCL Case File (correspondence) (October 7, 2010)

Exhibit No.	Description
A-24.	Presentation for TMT to BLNR (February 25, 2011)
A-25.	Presentation against TMT; CC Request (February 25, 2011)
A-26.	Minutes from BLNR Meeting (February 25, 2011)
A-27.	Staff Report on Request for Contested Case Hearing (February 25, 2011)
A-28.	Petitions for Contested Case (Flores-Case Ohana & Mo'oinanea) (March 2, 2011)
A-29.	Petitions for Contested Case (KAHEA, Mauna Kea Anaina Hou, Neves, Ward, Ching) (March 7, 2011)
A-30.	Curriculum Vitae of Perry J. White
A-31.	Demonstrative exhibits for Perry J. White
A-32.	Curriculum Vitae of Günther Hasinger
A-33.	UH Economic Research Organization (UHERO) Report
A-34.	Follow-Up Audit of the Management of Mauna Kea and the Mauna Kea Science Reserve, Report No. 14-07 (August 2014)
A-35.	Curriculum Vitae of Testimony of James T. Hayes
A-36.	Demonstrative exhibits for James T. Hayes
A-37.	Curriculum Vitae of Clifford Smith
A-38.	Demonstrative exhibits for Robert McLaren (Decommissioning Plan, Figure 1)
A-39.	Letter from David Lassner, President, University of Hawai'i to Governor David Ige (November 17, 2015)
A-40.	Maunakea Invasive Species Management Plan
A-41.	Curriculum Vitae of Jesse Eiben
A-42.	Eiben & Rubinoff, <i>Application of Agriculture-Developed Demographic Analysis for the Conservation of the Hawaiian Alpine Wekiu Bug</i> (2014)
A-43.	Curriculum Vitae of Tom Nance
A-44.	Demonstrative Exhibits for Tom Nance
A-45.	Curriculum Vitae of Sara Collins
A-46.	PowerPoint Presentation Regarding an Overview of the TMT Project

Exhibit No.	Description
A-47.	PowerPoint Presentation of Stephanie Nagata Regarding Mauna Kea Management
A-48.	Mauna Kea Reserve Master Plan adopted June 16, 2000
A-49.	Results for the TMT Proposed Site Evaluation for the Wekiu Bug: Fall 2008
A-50.	Letter: DLNR Letter Approving of Mauna Kea Comprehensive Management Plan dated April 15, 2009
A-51.	Final Environmental Assessment for the Comprehensive Management Plan filed April 23, 2009
A-52.	Major Project Sequence of Steps approved by MKMB October 14, 2009
A-53.	Letter from State Historic Preservation Division Regarding Archaeological Inventory Survey for the Astronomy Precinct dated December 28, 2009
A-54.	Visual Impact Assessment Technical Report dated December 2009
A-55.	Final Archaeological Inventory Survey of the Astronomy Precinct dated January 2010
A-56.	Final Archaeological Inventory Survey of the Mauna Kea Access Road Management Corridor dated February 2010
A-57.	Letter from State Historic Preservation Division Regarding Archaeological Inventory Survey for the Mauna Kea Access Road Management Corridor dated February 11, 2010
A-58.	Minutes: Board of Regents Meeting, February 18, 2010
A-59.	Minutes: Mauna Kea Management Board, February 25, 2010
A-60.	Letter from DLNR Regarding Approval of Sub Plans dated April 12, 2010
A-61.	Minutes: Mauna Kea Management Board, April 21, 2010
A-62.	Minutes: Mauna Kea Management Board, May 19, 2010
A-63.	Letter from State Historic Preservation Division Regarding Archaeological Inventory Survey for the Science Reserve dated May 26, 2010
A-64.	Minutes: Board of Regent's Meeting, June 28, 2010
A-65.	Minutes: Mauna Kea Management Board, Wednesday, September 1, 2010
A-66.	Letter from State Historic Preservation Division Regarding Archaeological Inventory Survey for the Thirty Meter Telescope

Exhibit No.	Description
	Observatory Project dated January 27, 2011
A-67.	Cultural Impact Study by PHRI
A-68.	Figure 1.3: Mauna Kea Summit Region: Existing Facilities, Features, & Future Development Areas
A-69.	Planning Guide for the 2000 UH Master Plan
A-70.	Final Environmental Impact Statement for the Outrigger Telescopes Project - Vol. 1 dated February 2005 (Excerpts)
A-71.	Summary of TMT Mitigation Measures
A-72.	REMOVED
A-73.	March 25, 2008 Letter from Ku'iwalu regarding Notice of Land Board Briefing on the CMP for Mauna Kea at its April 11, 2008 meeting
A-74.	April 10, 2008 Letter from Mauna Kea Anaina Hou to BLNR regarding April 11, 2008 Hearing and Comments
A-75.	May 13, 2008 Transcript of the Mauna Kea CMP Community Hearing
A-76.	Letter from Sandra Dawson, TMT to Paul Campbell regarding start of environmental process for proposed telescope project
A-77.	Letter from Sandra Dawson, TMT to Clarence Ching regarding start of environmental process for proposed telescope project
A-78.	Letter from Sandra Dawson, TMT to Royal Order of Kamehameha I regarding start of environmental process for proposed telescope project
A-79.	August 25, 2008 Letter from Ku'iwalu to William Tam regarding Plaintiffs concern regarding participation
A-80.	Letter from Sandra Dawson, TMT to Kealoha Pisciotta regarding start of TMT environmental process.
A-81.	September 24, 2008 Record Detail (Deborah Ward)
A-82.	October 8, 2008 Sign-In Sheet "Thirty Meter Telescope Public Scoping Meeting"
A-83.	October 14, 2008 Sign-In Sheet "Thirty Meter Telescope Public Scoping Meeting"
A-84.	October 16, 2008 Sign-In Sheet "Thirty Meter Telescope Public Scoping Meeting"
A-85.	October 24, 2008 Testimony in Opposition to the TMT Project and EA/EIS Process by Mauna Kea Anaina Hou, The Royal Order of


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	Kamehameha I, and Clarence Kukauakahi Ching
A-86.	November 18, 2008 Transcript of Mauna Kea CMP Public Hearing (Excerpts)
A-87.	March 20, 2009 Letter from Deborah Ward to the Mauna Kea Management Board regarding Comments on CMP
A-88.	May 22, 2009 Email from info@tmt-hawaii.org to dward@hawaii.edu regarding draft EIS - TMT observatory project
A-89.	June 17, 2009 Sign-In Sheet "Thirty Meter Telescope Draft EIS Public Review and Comment Meeting"
A-90.	June 25, 2009 Sign-In Sheet "Thirty Meter Telescope Draft EIS Public Review and Comment Meeting"
A-91.	July 7, 2009 Letter from Kealoha Pisciotto, Clarence Kukauakahi Ching, Paul K. Neves to TMT Observatory Project, Office of Environmental Quality Control regarding TMT draft environmental impact statement
A-92.	August 14, 2009 Email regarding copies of the Mauna Kea CRMP and Mauna Kea NRMP for public examination
A-93.	Open House Advertisements and dates of publication in the West Hawaii Today and Tribune-Herald
A-94.	October 29, 2009 Letter from Mauna Kea Anaina Hou to Jeff Melrose regarding Public Access Plan
A-95.	KAHEA Comments of BLNR subplans; Exhibit A
A-96.	November 24, 2009 Email regarding the development of the Public Access Plan and Decommissioning Plan for public examination
A-97.	January 2010 Draft Mauna Kea Science Reserve AIS Vol. 1
A-98.	January 27, 2010 filed Order Granting Appellees UH and UH Institute for Astronomy's Motion to Dismiss Appeal Filed October 20, 2009; Civil No. 09-1-336
A-99.	March 24, 2010 Sierra Club BLNR subplan testimony
A-100.	March 25, 2010 BLNR Meeting and Amended Comments on the Proposed CRMP by Clarence K. Ching
A-101.	March 25, 2010 Testimony of Paul K. Neves and Mauna Kea Anaina Hou at the BLNR Public Hearing
A-102.	April 21, 2010 Approved Minutes of the MKMB
A-103.	May 8, 2010 Letter with Enclosure from Rose Tseng to Clarence "Ku" Ching regarding comments received on draft environmental

Exhibit No.	Description
	impact statement and final environmental impact statement - thirty meter telescope observatory project
A-104.	May 8, 2010 Letter with Enclosure from Rose Tseng to Kealoha Pisciotta regarding comments received on draft environmental impact statement and final environmental impact statement - thirty meter telescope observatory project
A-105.	May 8, 2010 Letter with Enclosure from Rose Tseng to Paul K. Neves regarding comments received on draft environmental impact statement and final environmental impact statement - thirty meter telescope observatory project
A-106.	May 19, 2010 Approved Minutes of the MKMB
A-107.	September 1, 2010 Minutes of the MKMB
A-108.	Batch Plant Runoff Topography
A-109.	Visualization of TMT Observatory from the Northern Ridge of Kūkahau'ula
A-110.	Visualizations of TMT Observatory from Pu'u Poli'ahu
A-111.	Management and Implementation Framework for Project Development
A-112.	Range, Habitat, and Ecology of the Wekiu Bug (October 2002) (Excerpts)
A-113.	Hawaii Biological Survey - Results of 2004 Wekiu Bug Surveys on Mauna Kea (February 2005) (Excerpts)
A-114.	Hawaii Biological Survey - Results of 2005 Wekiu Bug Surveys on Mauna Kea (March 2006) (Excerpts)
A-115.	Hawaii Biological Survey - Results of the 2006 Wekiu Bug Surveys on Mauna Kea (April 2007) (Excerpts)
A-116.	Hawaii Biological Survey - Results of the 2007-2008 Alien Arthropod Species and Wekiu Bug Monitoring on Mauna Kea (December 2009) (Excerpts)
A-117.	Hawaii Biological Survey - Results of the 2009 Alien Species and Wekiu Bug Surveys on Mauna Kea (July 2010) (Excerpts)
A-118.	Hawaii Biological Survey - Preliminary Results of the 2010 Wekiu Bug Survey on Mauna Kea (Excerpts)
A-119.	Curriculum Vitae of Richard Nees
A-120.	Curriculum Vitae of Chad Kālepa Baybayan

Exhibit No.	Description
A-121.	University of Hawai'i Strategic Directions 2015-2021
A-122.	McCoy, Patrick C. & Richard C. Nees. Final Archaeological Inventory Survey of the Mauna Kea Ice Age Natural Area Reserve Ka'ohē Ahupua'a, Hāmākua District, Island of Hawai'i dated August 2013
A-123.	Park & Walden. Final Archaeological Inventory Survey of Hale Pohaku Rest House 1 and Comfort Station, Ka'ohē Ahupua'a, Hāmākua District, Island of Hawai'i (Volume 1) dated February 2010

One (1) hardcopy of each of the above-listed exhibits are attached hereto and filed concurrently herewith. A flash drive with an electronic copy of each exhibit is also included.

DATED: Honolulu, Hawai'i, October 11, 2016.



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Case No. BLNR-CC-16-002

CERTIFICATE OF SERVICE

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The undersigned certifies that electronic copies of *Applicant University of Hawai'i at Hilo's Exhibit List* and each exhibit were served upon the following parties by email unless indicated otherwise:

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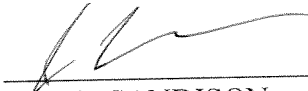
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