



UNIVERSITY of HAWAII at HILO  
CENTER FOR MAUNAKEA  
STEWARDSHIP

**Minutes  
Regular Meeting**

Maunakea Management Board

September 7, 2021

Virtual Meeting By Zoom

**Attending:**

**MKMB:** Chair Roberta Chu, Vice Chair Dr. Doug Simons, Dr. Greg Chun, Julie Leialoha, Dr. Billy Bergin and Diana Van de Car

**BOR:** Alapaki Nahale-a

**Kahu Kū Mauna:** ---

**CMS:** Dr. Greg Chun, Karie Klein, Joy Yoshina

**UH:** Bonnie Irwin, Gary Takeuchi, Rene Pierre Martin

**Others:** SSFM: Austen Drake

**I. CALL TO ORDER**

The Maunakea Management Board (MKMB) meeting was called to order by Chair Roberta Chu at 5:03 p.m. It was noted that those in attendance constitute a quorum.

**II. PUBLIC COMMENTS**

None.

**III. APPROVAL OF MINUTES**

Chair Chu asked if there were changes to the minutes of the August 3, 2021 meeting. MKMB member Dr. Greg Chun made a motion to approve the August 3, 2021 minutes. MKMB member Dr. Billy Bergin seconded the motion, and the motion carried unanimously.

**IV. KAHU KŪ MAUNA COUNCIL REPORT**

Executive Director Chun reported on behalf of Kahu Kū Mauna Chair Shane Palacat-Nelson. KKM has been discussing the policies adopted under the CR management actions that MKMB previously approved to bring them current with the reorganization and the Administrative Rules. These will be presented to MKMB for recommendation once drafted.

## V. EXECUTIVE DIRECTOR'S REPORT

### A. Draft Master Plan (MP)

Executive Director Greg Chun reported that the public draft of the MP will be issued next week for the 45-day comment period. There are multiple venues for providing input that include (1) the CMS website where comments can be provided directly into the document, (2) a fillable form for those interested in commenting more generally, (3) a virtual meeting, (4) a call-in where oral feedback can be left as a voice message, and (5) Chun will be making himself available for in-person or virtual small group meetings for those interested.

The draft will be amended based on public comments; BOR review and approval is targeted for early 2022. Prior to that, the amended draft will be reviewed by the Environmental Committee (EC), KKM and MKMB.

Strategic issues include (1) reducing impacts to resources, especially in the summit area, by reducing our physical foot print through decommissioning and using previously disturbed sites for approved projects and improvements, (2) identifying options for managing vehicular access to the summit, and (3) expanding educational uses of Halepōhaku.

### B. CMS Reorganization – Director Recruitment

Reference checks being completed this week with selection anticipated within a week.

## VI. AGENDA ITEMS

### A. Action Item: Review and Recommend Approval: UHH New Education Telescope (NET)

#### a. Schematic Design Package

Executive Director Chun introduced Austen Drake (SSFM) and Rene Pierre Martin (UH) who is working with UH Hilo on the NET project. This is not an approval in the final form of the project, it is just one step of the process. This presentation allows MKMB to weigh in on design considerations of the project.

Drake provided an overview of the Schematic Design Package. This included a site plan showing its location behind Halepōhaku dorm A. Section views showed approximate footing depth and relationship to dorm A. Footings size and depth are shown at a preliminary estimate. The Geotechnical Report provides guidance and parameters for structural design. No new geotechnical boring on this project will be done due to the unknown potential geological artifacts below grade. A Targeted Soil Screen Report was taken to check for contaminants. There were no contaminants found exceeding DOH reporting levels, which means the site is okay for “unrestricted land use.” Key takeaways include the project site is previously disturbed and currently used for storage, no known archaeological sites will be disturbed, and the telescope will be remote controlled.

Discussion occurred about differentiating this project from other larger projects, and whether proactive work needs to be done. Rene Martin shared that online outreach was conducted last year, and has continued with online discussions. The main differences is the size and purpose. NET is much smaller in size, and it will be used for education (college, high school, etc.). Chancellor Bonnie Irwin concurred with the importance of the telescope's small size and the environmental piece, which are both part of the total package.

MKMB member Julie Leialoha made a motion to approve the continued process with regards to all of the other requirements to completing the NET. MKMB member Diana Van de Car seconded the motion, and the motion carried unanimously.

**B. Action Item: Review and Recommend Approval: Observatory Projects**

Joy Yoshina (CMS) provided an overview of each project and answered questions. These projects were already reviewed by EC and KKM.

**a. Keck Guardrails**

MKMB member Julie Leialoha made a motion to approve the Keck Guardrails project. MKMB member Dr. Billy Bergin seconded the motion, and the motion carried unanimously.

**b. Gemini Solar Calibrator**

MKMB member Julie Leialoha made a motion to approve the Gemini Solar Calibrator project. MKMB member Dr. Billy Bergin seconded the motion, and the motion carried unanimously.

**c. Keck Solar Calibrator**

MKMB member Julie Leialoha made a motion to approve the Keck Solar Calibrator project. MKMB Vice Chair Dr. Doug Simons seconded the motion, and the motion carried unanimously.

**d. IRTF Chlorine Monoxide Monitor Relocation**

MKMB member Julie Leialoha made a motion to approve the IRTF Chlorine Monoxide Monitor Relocation project. MKMB member Dr. Billy Bergin seconded the motion, and the motion carried unanimously.

**VII. ANNOUNCEMENTS**

Chair Chu shared that the next public meeting will be held on Tuesday, October 5, 2021 at 5pm. The next special meeting will be on Tuesday, September 28, 2021 at 5pm.

Vice Chair Doug Simons will continue with MKMB until a determination at the next BOR meeting.

**VIII. ADJOURNMENT**

Chair Chu adjourned the meeting at 6:20 p.m.

Respectfully submitted:

Julie Leialoha, Secretary  
October 5, 2021