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BOARD OF LAND AND NATURAL RESOURCES

FOR THE STATE OF HAWAI'I

| IN THE MATTER OF |) Case No. BLNR-CC-16-002 |
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| |) |
| A Contested Case Hearing Re Conservation | ;) WILLIAM FREITAS' EXCEPTIONS |
| Use Application (CDUA) HA-3568 For the |) TO HEARING OFFICER AMANO'S |
| Thirty Meter Telescope at the Mauna Kea |) FINDING OF FACTS, CONCLUSIONS OF |
| Science Reserve, Ka'ohe Mauka, Hamakua, |) LAW AND DECISION ORDER |
| Hawai'i TMK(3)4-4-015:009 |) |
| | CERTIFICATE OF SERVICE |

WILLIAM FREITAS' EXCEPTIONS TO HEARING OFFICER RIKI MAY AMANO'S FINDINGS OF FACT, CONCLUSIONS OF LAW AND DECISION & ORDER

1. EXCEPTION to Entire Scope of Findings of Fact, Conclusions of Law, and Decision Order

In her extensive Findings of Fact, the facts upon which all Conclusions of Law and Decisions Orders must be based, Hearing Officer Amano neglects two fundamental mandates of her role in conducting a fair and meaningful process and these failures should cause the BLNR to reject the recommendation to approve the permit it makes. First, according to the State Supreme Court of Hawai'i regarding Mauna Kea, the hearing must meet both the standards of "fairness"

Received Office of Conservation and Coastal Lands Department of Land and Natural Resources State of Hawaii 2017 August 21 3:54 pm and "the appearance of fairness" (Mauna Kea Anaina Hou v. Board of Land and Natural Resources, 136 Hawai'i 376, 363 P.3d 224 (2015) pgs 4-5). In the current FOF/COL/DO, the Hearing Officer (hereafter respectfully referred to as HO) strays far from this standard. Strikingly similar to both the previous procedural debacles involving contested case hearings for telescope construction on Mauna Kea (2011) and on Haleakalā (2012), the State Supreme Court had to intervene in order to hold the BLNR accountable for grave errors of procedural injustice: In each case, the contested case hearings were invalidated after proper procedures had not been followed AND the respective hearing officers reproduced the telescope Applicants' FOF/COL/DOs either verbatim or essentially so (See Mauna Kea Anaina Hou v. Board of Land and Natural Resources, 136 Hawai'i 376, 363 P.3d 224 (2015) and Kilakila 'O Haleakala v. Bd. of Land & Nat. Res., 13 Hawai'i 193, 205-06, 317 P.3d 27, 39-40 (2013)). In her FOF/COL/DO document (7/26/17), Hearing Officer Amano commits this same failure to provide the participants in the hearing with a fair chance to be meaningfully heard.

In particular, I feel my entire testimony about traditional and customary practices on Mauna Kea generally and on the TMT site specifically was not in any way meaningfully engaged, despite the supporting testimony of other practitioners and those who have been profoundly affected by my spiritual practices, as well as the detailed testimony offered in support by a scholar of religious traditions. My spiritual practices were callously dismissed by the HO as merely "political" acts (see FOF 687-88, 786; see UH/TIO 630). Employing the exact language UH/TIO uses to disparage my traditional and customary practices, Hearing Officer Amano asserts that every development could be stopped by engagement of spiritual practice, thus producing "an absurd result." I find this reaction to my traditional practices offensive and the

kind of response that could only be formulated by someone who fails to see and grasp the ways

Hawaiian tradition is being lived today.

I ask: Have Hawaiians so powerfully and in such a sustained manner stood up to protect their 'aina since Kaho'olawe? This kind of non-violent collective action happens once in a generation. In this case, threats to Mauna Kea triggered the deepest resolve of our people because it is a wahi pana (sacred place) and a piko of the islands. Had we been consulted adequately and upfront, perhaps the community would have felt and reacted differently. In any event, our kuleana to act is not violent, happenstance, or to be repeated on whim. Our resources for protesting and for persevering through arduous legal processes are limited, and our needs to feed and nurture our families are real. For these reasons we are not against any and all development, only those that cut closest to the iwi of who we are. Thus, the idea that our precious spiritual, cultural, and political resources would be brought to bear indiscriminately against any and all future development is the real absurdity here.

Continuing to borrow this language myself, I find it absurd that Hearing Officer Amano could listen to approximately five months of testimony, have over 50 volumes of that testimony to consult, have adjudicated many motions related to procedural fairness (or failed too, as others will argue), and yet reproduce the same ultimate decision order as the first contested case hearing produced. As in the contested case from 2011, remanded by the State Supreme Court in 2015 for a lack of fairness and appearance of fairness (cf. Mauna Kea Anian Hou), Hearing Officer Amano appears to rely entirely on UH/TIO's FOF/COL/DO and Response documents for her recommendations. The only time she engages my testimony or that of other petitioners is in cut-and-paste fashion, excerpting from our WDTs or oral testimony in order to immediately

challenge or discount it. I will demonstrate in further "exceptions" how Hearing Officer Amano clearly did not read or meaningfully engage my testimony, my practices, and my hearing documents, thus violating my right to due process. Many other Petitioners and Intervenors will demonstrate a similar pattern regarding their own testimony and I encourage the BLNR (and, in the event of subsequent judicial review, future Justices of the Court) to scrutinize this blatant and blanket reproduction of UH/TIO's FOF/COL/DO. Further evidence of this bias can be seen in her reliance on "experts" for the Applicant: Rechtman, White, and Nees. Any outside observer will quickly learn these names, for they are repeated continually first in the Applicant's documents, then by the HO herself. I could not find one example in HO Amano's FOF/COL/DO of her use of a Petitioner's or Intervenor's supporting witness testimony except to discredit or challenge them, or in the case of one of my witnesses, to twist his words in support of the Applicant's position. NOT ONE EXAMPLE--after five months of testimony!

Second, Hearing Officer Amano, precisely because she did not take the time to carefully consider my written documents, or those of others who make similar arguments, failed to grasp the key legal issue at stake in the hearing: The construction of the telescope requires an EIS that is both comprehensive and current. As detailed in my Response document to UH/TIO, the FEIS and subsequent documents that rely upon it are plainly stale, capturing nothing of traditional and customary life on Mauna Kea as it has developed over the last eight years. The document fails to engage in any meaningful way the ritual actions of a generation of youth whose spirituality is now deeply connected to the Mauna, but who were below the age of informed political consent when the documents were drafted, reviewed and finalized. While Amano goes to great lengths to demonstrate that at the time the EIS was written and finalized in 2010, several of the petitioners

had either been consulted or had declined to be consulted, she only makes passing reference in her COL (396-397) to the "changed circumstance" clause of the EIS.

If I were to summarize the majority opinion in Mauna Kea Anaina Hou v. Board of Land and Natural Resources, 136 Hawai'i 376, 363 P.3d 224 (2015), it would be that the Court is relying on a federal case, Cinderella Career & Finishing Schs., Inc v. FTC, 425 F.2d 583, 591 (D.C. Cir. 1970) and state case law (Sifagaloa v. Bd of Tr. of Emp. Ret. Sys., 74 Haw. 181,189,840 P.2d 367, 371 (1992)), in which strict standards for real fairness and the appearance of fairness must be a guiding principle in state agency decision-making. In Mauna Kea Anaina Hou (2015), the Court discusses at length UH's argument that the permit was not final and because construction had been stayed, BLNR's issuance of the "temporary" permit prior to the start of construction did not violate procedural fairness. The Court did not agree and held that: (1) Because certain conditions of the permit had in fact taken effect (the community pipeline program and the educational seed grant program being two examples), the permit was essentially in effect and supported the expectation it would be granted by the HO; (2) This argument is then further supported by the fact that despite the length and depth of testimony on cultural practices during the 2011 hearing, recommendations were nearly exactly the same between the 2011 and 2013 hearings. As occurred in these previous contested case hearings, Hearing Officer Amano copied her FOF/COL/DO's directly from UH/TIO with only minor changes. Quoting from Mauna Kea Anaina Hou (2015) (concurring):

...the conditions enunciated in BLNR's FOFs/COLs/D&O in 2013 are virtually the same as those in the 2011 permit. This similarity is significant because BLNR appears to suggest that in 2011, BLNR anticipated serious consideration of evidence presented during the contested case hearing. But the similarity between the 2011 permit and the 2013 decision gives the appearance that less than full consideration was given to the voluminous legal and factual arguments and materials presented in the contested case hearing. Such similarity "gives the appearance that

[BLNR] ha[d] already prejudged the case and that the ultimate determination of the merits [had] move[d] in predestined grooves." (Cinderella, 425 F.2d at 590)

And here we are again! But in this case, the fact that there is not one substantial change to the DO issued by Hearing Officer Amano in 2017 from that of the HO in 2013 is utterly absurd and a travesty of due process. The reality and appearance of justice standard cannot be shown to have been met when the Hearing Officer issues her FOF/COL/DO only slightly more than a month after the official conclusion of a hearing which lasted five months and included over 50 volumes of testimony. Furthermore, the probative evidence I provide in subsequent Exceptions demonstrates that the HO utterly disregarded the numerous and substantive corrections to UH's FOF/COL/DO I made, revealing her cut-and-paste job only all too obviously. It is abundantly clear that this was Hearing Officer Amano's strategy for completing the document quickly, but basing her entire decision on UH/TIO legal documents is a substantial violation not only of due process, but of the integrity and dignity of the Petitioners and Intervenors. (3) Hearing Officer Amano mischaracterizes the testimony of my witness, Professor Greg Johnson, to claim that this hearing represented "meaningful consultation." Though he did state that this form of participation could be held out as an ideal of a contested case hearing, whether or not the hearing achieved this judicially mandated standard remained to be seen at that point of his testimony. Hearing Officer Amano's cut-and-paste strategy again prevailed in this context: when she cites my and other Petitioners' descriptions of our spiritual, traditional, and customary practices, she does so by copying sections directly from our WDTs or from testimony, only to impeach the content in a short sentence or summarily dismiss the argument presented. In no way is this meaningful engagement. Nowhere in the entire 300 plus page document does she

ever discuss any of the key religious and traditional practices that have developed on the Mauna since the last CC Hearing, such as Kapu Aloha. Nor does she make any sincere effort to understand the role existing ahu on the TMT site play in current religious life on the summit area, debasing the religious traditions of our ancestors by calling them political acts and their only substantive effect "absurd." The HO could only reach this conclusion by ignoring or finding insincere months of heartfelt testimony by participants who gave up much of their normal lives to show up for the Mauna and to protect what, by statute and the Hawai'i Constitution, the legislature meant to protect. (4) Regarding this point, the Court specifically refers to the importance of legislative intent when making determinations as to the implementation of laws and their role in ensuring these intentions have been upheld in administrative decisions and proceedings. (6) And this then directly leads to the question as to whether HO Amano appropriately considers the Constitution's mandate to protect cultural practices when it is clear throughout her ruling that she privileges and relies heavily on the testimony of archeologists: This heavily weighted testimony (see Nees and Collins in particular; as archaeologists, the HO privileges their testimony over that of other potential experts with ethnographic training, such as my witness Greg Johnson who has studied under and continues to work with several world-renown scholars of religion and cultural anthropologists at the University of Chicago). This Hearing Officer's bias leads to an outdated understanding of cultural and religious traditions whereby sites or objects are valued only if over 50 years old and artifacts of history; practices by their very nature are suspect or not relevant to her analysis. She reaches this conclusion in order to avoid triggering an updated CMP for the CDUA because any in-depth ethnography or "meaningful engagement" with spiritual and cultural practitioners would quickly demonstrate the "changed circumstances" clause of HRS §343-2 "Definitions" (4.1.3) (see below Exception 4.1.f for a further discussion of this clause). Thus the "predestined grooves" (Mauna Kea Anaina Hou p. 29, 2015) of the bureaucratic machine run deep indeed...and the reality of justice eludes the Petitioners/Intervenors once again.

Due to the egregiousness of the entire process and its multiple and repeated failures over many years, I urge the BLNR to order a new CMP for purposes of completing the FEIS and recognizing the "changed circumstances" on Mauna Kea (HO COL 396-397), or recuse itself as a decision-making authority on this matter. The only other path forward that bears any integrity, honesty, or true commitment to uphold constitutional ideals is for the State Supreme Court to assume decision-making power from the BLNR (see *Bragg v. State Farm Mut. Auto. Ins. Co.*, 81 Hawai'i 302, 305, 916 P.2d 1203, 1206 (1996); see HRS §91-14 (g) Supp. (2015) for the judicial authority the Court retains over agency decisions). The BLNR has demonstrated in 2011, in 2013, and now in 2017, a failure to comprehend and/or a commitment to uphold State Constitutional mandates (also see *Kilakila I* (2013). In *Mauna Kea Anaina Hou* (2015), the Court emphasizes that the BLNR "bears a significant responsibility" not only to avoid "infringing upon protected rights" but to act in such a way "that fulfills the State's affirmative constitutional obligations" (p. 44-45 concurring). In its consideration of the TMT permit, the Court continues,

The proposed use of the conservation land implicates the constitutional right of individuals of Native Hawaiian descent to exercise traditional and customary Native Hawaiian practices...Under such facts, the role of an agency is not merely to be a passive actor or a neutral umpire, and its duties are not fulfilled simply by providing a level playing field for the parties. See *Save Ourselves*, *Inc*, 452 So. 2d at 1157.

The BLNR has a chance to rectify this pattern of injustice by ordering a new CMP, to be conducted by an independent analyst with experience in cultural and ethnographic methodologies, rather than the current exclusive focus on archaeological data that underlies the entire Cultural Management Plan in the FEIS and its subsequent mitigation measures.

If the BLNR does not choose this course, then I ask that the State Supreme Court invalidate the permit and: (1) Remand the case for an updated CMP/CDUA (Supplemental EIS) to be considered then by either an independent commission or by the Court as regards to its significance for the State constitutional protections for traditional and customary practices AND/OR (2) for the Court to review the testimony of the last 5 months itself and create its own FOF/COL/DO. Again, in meaningfully engaging the extensive testimony of multiple practitioners over the last year, I believe the Court will conclude that either the TMT project cannot be built under current constitutional and statutory protections OR that an updated CMP/CDUA must be completed and meaningfully considered by an independent authority with training in ethnographic research methods before the permit can adequately address mitigation measures and be considered for approval.

2. EXCEPTION to the many errors the HO reproduces by copying directly from the UH/TIO document and failing to consider my Response document; meaningful consideration of this document might have changed her legal conclusions and decision orders. This failure does not meet the requirement of adversarial testing mandated by the State Supreme Court for this Contested Case Hearing. The multitude of inaccurate and blatantly egregious mistakes regarding witness testimony must be noted first in the UH/TIO FOF/COL/DO, which were then reproduced by the HO in her FOF/COL/DO (see citations below for proof): both documents must be viewed with heightened scrutiny and suspicion.

Note: All FOF and COL's referenced are from Hearing Officer's FOF/COL/DO unless otherwise stated (UH/TIO's original citations are also noted to demonstrate the HO's extensive reliance on the Applicant's documents). Unlike the Hearing Officer, I acknowledge that what follows is largely a reproduction of my Response document, with the hope that the errors it contains are corrected, that the facts and conclusions of law it presents are considered meaningfully, and that the Hearing Officer's reliance on both the UH/TIO document and UH/TIO witnesses White, Rechtman, Collins and Nees, is clear and apparent. The following, then, provides support for my unequivocal position that the FOF/COL/DO issued by Hearing Officer Amano DOES NOT MEET the judicially mandated requirements for due process as outlined in Mauna Kea Anaina Hou (2015).

- 1. FOF 770 (cf. UH/TIO 715): WRONG HO asserts that Greg Johnson, a witness for me, is not "an expert in land use planning or environmental review." This is not true. Professor Johnson has written extensively, including in peer-reviewed publications, about permitting issues around land use and environmental assessments in Hawai'i, including as they are handled by the DLNR. For two examples (more can be found in his WDT) please see:
 - 1.1. 2014 "Bone Deep Indigeneity: Theorizing Hawaiian Care for the State and its Broken Apparatuses." In *Performing Indigeneity*, edited by H. Glenn Penny and Laura Graham (University of Nebraska Press), 247-272. Invited and peer reviewed.
 - 1.2. 2013 "Varieties of Hawaiian Establishment: Recognized Voices, Routinized Charisma, and Church Desecration." In *Varieties of Religious Establishment*, edited by Winnifred Sullivan and Lori Beaman (Ashgate Press), 55-71. Invited and peer reviewed.
- 2. FOF 771 (cf. UH/TIO 716). WRONG According to the HO, and using the precise language of UH/TIO, "Prof. Johnson was present on Mauna Kea on June 22, 2015 when the first two ahu on the TMT Project site were installed in the middle of the access roadway to the TMT Project

site." Professor Johnson was not on Mauna Kea on June 22, 2015; he states in his WDT that he was on Mauna Kea on the evening of June 23rd and did not visit the summit on that trip.

- 3. FOF 771 (cf. UH/TIO 716). WRONG According to HO, and using the precise language of UH/TIO, when referring to testimony of Professor Johnson, they state that he "confirms and corroborates the evidence that no prior ahu or religious practice occurred at that specific location prior to its designation as the TMT Project site." Professor Johnson did not testify that "no religious practice previously took place at site."
- 4. FOF 771 (cf. UH/TIO 716). WRONG AND MISCONSTRUED According to HO, and using the precise language of UH/TIO, the FOF states with regard to Professor Johnson that: "He also testified that members of the native Hawaiian community disagree about the status and meaning of the ahu, as some of the stones came from the Kona shoreline, and not from the surrounding summit area, thus breaking protocol. Ex. T-1 at 5." □
- 4a. Mr. Freitas testified that the stones came from Kanaloa not from Kona Vol.44, p.261:1-4.
- 4b. The argument advanced by HO and UH/TIO completely inverts Professor Johnson's analysis. He argued that internal disputes of this nature, the example of stone provenance included, are precisely the kinds of struggles that animate tradition and are evidence to him as a scholar of religion of the living quality of religious traditions. His discussion reads:

I should note here a point about internal division in the Native Hawaiian community regarding the ahu. Some members of the community have expressed disagreement about

the status and meaning of the ahu. To cite one example, I have heard some practitioners express anxiety about the fact that the pohaku (stones) for one of the ahu came from the Kona shoreline, far from the realm of the summit, thus confusing an important ritual distinction. As a scholar of religion, I understand such internal tensions to be parallel to those...that configure the terrain of all religions. Simply put, the status of the stones would not have been debated had the matter not been *significant*. Indeed, I take such disputes to be evidence of the religious and traditional status of the ahu. Stones, like bread and wine, tend not to rise to the level of debate unless it really matters. See Johnson WDT at p. 5.

5. FOF 772 (cf. UH/TIO 717). MISCONSTRUED AND INACCURATE According to HO, and using the precise language of UH/TIO: "Prof. Johnson argues that the presence of new ahu constructed on the TMT Project site, after the site was known and the project heavily opposed, triggers a requirement for a new EIS. Tr. 2/16/17 at 17:4-17, 28:3-21; 53:14-18. This argument, however, is unsupported under Hawai'i law and would produce an absurd result. The purposes of HRS Chapters 343 and 6E are to inventory existing conditions at the time that the studies are done. To provide protection to these new structures placed after the project site is known and in direct and obvious protest of that project would allow persons who oppose a proposed project to stop it simply by placing a stone in the area or initiating a new practice that incorporates recognized traditional practices from other areas on the island." Professor Johnson pointed to the ahu as examples of customary and traditional practices not addressed by the EIS and related documents, particularly in the context of heightened religious activity in Hawai'i over the past several decades and on Mauna Kea in particular. As addressed below, Professor Johnson's point was to argue that such practices stand in continuity with a long history of such practices in Hawai'i wherein religions sensibilities are catalyzed and acted upon in the context of threats to sacred sites. It is precisely through the actions on Mauna

Kea described by Professor Johnson, including those engaged in the spirit of kapu aloha, that Hawaiian religious life is expressed and maintained in the contemporary moment. □If such a perspective is regarded as absurd, then the State of Hawai`i should abandon the pretense of affording Hawaiian traditions the protections that its own constitutional demands.

- 6. FOF 773 (cf. UH/TIO 718). WRONG According to HO, and using the precise language of UH/TIO: "While Prof. Johnson opined that requiring a permit to build an ahu might be considered offensive to some from a religious perspective, he agreed the State has a right to regulate cultural practices." This is not what Professor Johnson opined. He testified that the state "stipulates" that it has this right (94:14-15).
- 7. FOF 774 (Cf. UH/TIO 719-7120). MISCONSTRUED: According to HO, and using language nearly identical to that of UH/TIO, "Prof. Johnson conceded that protesters standing in the access road for the purpose of blocking traffic do pose a safety and health risk." Professor Johnson answered a general question about safety in roads per se (Tr. 02/16/17 at 94:7-11) but then contextualized the particular actions that day by referring to □the Protectors' religious motivations for standing in that road at that time. Health and safety concerns must be balanced with reasons Intervenors would be in the road, including a felt sacred duty to protect the mauna (92:11-15).
- 8. FOF: 777 (Cf. UH/TIO 722). WRONG According to HO, and using language similar to that of UH/TIO, there is no evidence {Professor Johnson] conducted or reviewed any peer reviewed studies concerning impacts to native Hawaiian practitioners on the mountain. Ex. T-1 at 3. This FOF is completely inaccurate. Professor Johnson testified regarding his ongoing research

concerning Mauna Kea that was and continues to be sponsored by several entities. Results include numerous academic lectures, including for the American Academy of Religion, and the peer reviewed chapter, "Materalising and Performing Hawaiian Religion(s) on Mauna Kea," in *The Handbook of Indigenous Religion(s)* (Leiden: Brill Publishers, 2017). Other related publications are active and currently under peer review.

- 9. FOF: 783 MISCONSTRUED HO, using language similar to that of UH/TIO, misquotes Mr. Fujiyoshi's response to the opinion poll that Mr. Ashida asked questions about: He did NOT say that he was unaware of this poll (Tr.44 page 139:14; Tr. 44 page 141:1). On redirect by Mr. Freitas, Mr. Fujiyoshi was asked whether he thought the poll was inaccurate because it was online and he answered, "Yes" (Tr.44 at 178).
- 10. FOF 878: MISLEADING AND/OR WRONG Following UHH/TIO FOF 817, HO combined and misconstrued the cross-examination of witnesses Mr. Perry White and Mr. Tom Nance by William Freitas. Both HO and UH/TIO state, "William Freitas claimed that chemicals from Mauna Kea were leaching into the water source at Kiholo Bay, however, he admitted to not seeing a water study confirming the identity of the aquifer feeding Kiholo Bay. He admitted that his claim of contamination came only from his own "logic." Tr. 3/2/17 at 254:20-258:15, 278:3-279:25. The fact is I testified that Kiholo was a special place mainly because of my Hawaiian name (Freitas WDT) given by my uncle "Jack Paulo" and the knowledge of the fresh waters that flow from Mauna Kea to Kiholo that he gathered and I tasted. TR. 3/2/17 255:1-5" UHH/TIQ's witness Mr. Perry White attested to Kiholo being a special place, with a

view of Mauna Kea and his knowledge of the waters that flow from the mauna to Kiholo, water that is vital to feed the "limu" that Native Hawaiians gather. Tr. 10/25/16 at 24:20-25, 26:1-5, 26:25, 27:1-3, 27:15-18. UHH/TIO's witness Mr. Nance attested to not knowing where lava tubes, aqueducts, cracks and crevices would be in or around the proposed TMT site where water seeps into the ground. Tr. 12/13/16 at 124:10-12 Upon cross-examination by Ms.

Pisciotta, Mr. Nance testified that he does not have a Ph.D. in Hydrology. Tr. 12/13/16

Cross-examination by Ms. Ward demonstrated that Mr. Nance was to be paid by Carlsmith to review the EIS and to testify to his opinion. This opinion must be regarded with suspicion and caution, as his experience is primarily in building water wells with an engineering degree and he stated that he has "no" affiliation to the USGS (United States Geographic Survey) pertaining to their report on high level groundwater on Mauna Kea. Tr. 12/13/16 at 129:1-5.

Regarding a water study in the area of Kiholo, UH counsel, Mr. Manaut, asked me if I had read the water study report. I answered that I had ancestral knowledge of the origins of the waters that flow from Mauna Kea to Kiholo Bay. TIO counsel, Mr. Ing, cross-examined me referring to Freitas WDT T-3 which was "not" introduced as the WDT I would be testifying on. He proceeded to cross on the wrong WDT referring to "tons of mercury" that have already contaminated Mauna Kea. Tr. 3/2/17 at 254:24-25, 256:1-25, 257:1-25, 258:1-15. Never under oath did I testify to what HO has cited in FOF 878. I, William Freitas, testified to my experience of Kiholo before any development, and to my ancestral knowledge of the fresh waters that flow into the area of Kiholo from Mauna Kea. I have tasted the fresh waters of Kiholo. I have viewed Mauna Kea when no Observatories were built on it. I live and protect My Mauna A Wakea now in this time.

In sum, the number of blatant errors and mischaracterizations made in HO Amano's document are completely and totally egregious. The fact that I could identify multiple and significant errors in just my short section of testimony, and that these errors went uncorrected and unaddressed by the HO, *must* cause the BLNR, and, in the case of further judicial oversight, Justices of the Court, to regard the entire HO record with doubt and suspicion, especially since it reproduces the errors of the UH/TIO FOF/COL/DO, as I demonstrated in my response to that document. Simply stated, the HO's FOF/COL/DO is not a document of integrity or an honest accounting of the record.

3. EXCEPTION: HO characterizes my involvement in the construction of three ahu on the summit area of Mauna Kea, including on the site of the proposed telescope, as merely political actions.

In response to Hearing Officer Amano's Finding of Facts, Conclusion of Law and Decision Order and its misrepresentation of my intentions and kuleana, I, William Freitas, would like to highlight certain testimony I offered regarding my religious and spiritual practice on Mauna Kea for the specific purpose of countering HO's assertion that the hearing has considered "the totality of facts and circumstances relating to Petitioners' and Opposing Intervenors' asserted practices" (COL 359), and thus meets its constitutional mandate. When Hearing Officer Amano copied and pasted much of UH/TIO's FOF/COL/DO, she clearly did not read or in any way meaningfully consider my response to UH/TIO's document. In the following testimony, I highlight my sincere spiritual commitment to Mauna Kea and testify under oath as to the religious traditional and customary practices I engage in on the summit area generally and on the potential construction site specifically.

(W. Freitas FOF 186). Mr. Freitas testifies that his practices on Mauna Kea are traditional and customary.

(W. Freitas FOF 178). Mr. Freitas describes the purpose for building the ahu: "It was built to give prayers and offerings in protection and forgiveness for those who desecrated the area."

(W. Freitas FOF 179). Mr. Freitas testifies that ahu at the proposed TMT site were intended to gives prayers of protection of workers who built the access road.

(W. Freitas FOF 180). Mr. Freitas testified that oli (chants), mele (songs), and prayers were performed at Ahu o Kauakoko prior to its destruction.

(W. Freitas FOF 185). Mr. Freitas affirms that his "spiritual, religious, cultural and traditional values" will be injured by the proposed development.

After devoting myself to this process for a year and under threat, duress, and coercion, but always in good faith, I now see how HO Amano misrepresents my position and the testimony of my witnesses. My kapu aloha is strained.

Among the serious faults of the HO is a categorical refusal to address key testimony regard the status of living tradition in Hawai'i and on Mauna Kea in particular, including with regard to my traditional and customary practices on the mauna. Most specifically, HO mischaracterizes my ceremonial actions at the proposed TMT site as merely "political," (see FOF 687-88, 786; see UH/TIO 630) with an implied intent only to thwart construction of the project. Such a caricature of my beliefs and practices is hurtful to me and bespeaks a failure on the part of the HO to take ongoing traditional and customary practices seriously. Indeed, complete disregard for the religious character of the ahus I helped construct and consecrate is starkly indicative of the way the Applicant and the HO have failed to adequately assess and address traditional practices in the project area and on the mauna more generally. Meaningful consultation requires open ears and eyes. How can adequate mitigation measures be proposed for that which has not been seen or heard or validated?

The treatment of my religious practices by the Applicant and the HO perpetuates an unfortunate legacy with regard to faulty, incomplete, and stale consultation measures, including as represented in the core documents upon which the CDUA relies. Until and unless these deficiencies of due diligence, due process, consultative accountability, and responsibility to the State Constitution and the ideals it espouses and protects are rectified by means of a revised or supplemental EIS, this permitting process will remain a farce and a black eye on the face of this state. Fairness and the appearance of fairness, as demanded by the State Supreme Court, remain elusive in this permitting process. I urge the BLNR to bear witness to my struggle to be heard and to have my rights acknowledged and protected.

Let me remind you that I am open to consultation:

- (W. Freitas FOF 193). When asked by Ms. Kakalia if he had been consulted by Kahuku Mauna or any other entity about religious practices and the ahu, Mr. Freitas responded that he had not.
- (W. Freitas FOF 194). When asked by Ms. Kakalia if he was open to consultation regarding his religious practices and the ahu, he replied in the affirmative.
- 4. EXCEPTION to HO's COL 396-397, concluding that proper consultation was performed for the FEIS, which the HO deems to be "current" and that no "changed circumstances" warrant a revised EIS. I refuse to accept this Conclusion of Law and argue that: 1. DOCUMENTS FOUNDATIONAL TO THE PERMITTING PROCESS ARE STALE AND MUST BE UPDATED; THE CDUA RELIES ON STALE RESEARCH AS REPRESENTED BY THE FEIS AND CMP.
- 1a. The Applicant has the burden of proof in establishing that they meet the eight criteria of HAR § 13-5-30(c).
- 1b. The Applicant has a duty, set forth directly by the State Supreme Court of Hawai'i in Kapa'akai O Ka'Aina v. Land Use Comm'n (Supreme Court of Hawai'i September 11, 2000,

Decided NO. 21124, NO. 21162) to take seriously the traditional and customary practices of Native Hawaiians:

On appeal, the court vacated the decision. In making its administrative findings, appellee failed to ensure that legitimate customary and traditional practices of native Hawaiians were protected to the extent feasible. By failing to make such findings appellee abused its discretion in arbitrarily and capriciously delegating its authority to consider the effect of the proposed development on such rights to the party seeking the petition. Therefore, the court remanded the matter to allow appellee to discharge its duty to consider the effect of the proposed development on the legitimate customary and traditional practices of native Hawaiians. [94 Haw. 31, *31; 7 P.3d 1068, **1068; 2000 Haw. LEXIS 302, ***1]

I, William Freitas, in both my own testimony (Freitas WDT) and in my cross examination of the many other religious and spiritual practitioners who testified in this contested case hearing, revealed the much larger scope and extent of such practices than the FEIS accounts for in 2010. This range and scope of practices is not represented or addressed by the CDUA; instead it is summarily dismissed and repeatedly relegated to "a few practitioners," without any solid research to make this finding.

1c. In order to meet the mandated statutory requirements with regard to the protections afforded traditional and customary practice, the CDUA relies on data from the FEIS. This data, in turn, is utterly stale. Following the exact language of UH/TIO, HO asserts that the FEIS stands as reliable and current. From COL 397 (UH/TIO 390): "Petitioners and Opposing Intervenors have not credibly shown any intervening changed environmental circumstances here, and there are no facts in the record suggesting any such materially changed circumstances exist." See my testimony cited above for evidence of the many spiritual, traditional and customary practices that have changed since the FEIS was approved. The cumulative and detailed testimony of the many Petitioners and Intervenors in the contested case hearing is further evidence the BLNR must consider in evaluating the integrity of the FEIS.

It must be pointed out that the purpose of the hearing has been precisely to evaluate the integrity of the permitting process, including the documents upon which it relies. According to Mauna Kea Anaina Hou v. Board of Land and Natural Resources, 136 Hawai'i 376, 363 P.3d 224 (2015), the purpose of the hearing is to provide a "rigorous adversarial process" regarding the CDUA permit for the TMT project (p.4). The Court remanded for a new contested case hearing precisely because this process had not occurred: "the permit itself was issued before evidence was taken and subject to adversarial testing before a neutral hearing officer" (p.5). In other words, the purpose of the contested case hearing is to adjudicate the integrity of the permit and the procedural mandates regarding it. The hearing itself is not the proper venue for creating a new Cultural Management Plan or for assessing the depth and scope of Cultural Resources; the Hearing Officer is not a cultural anthropologist, nor did any of the parties who examined witnesses have such training. The need for updated meaningful consultation was certainly revealed by the scope of traditional and customary practices and ahus on the mauna as testified to throughout the contested case hearing, but the hearing record does not and cannot stand in for a proper cultural consultation study.

1d. WRONG AND MISLEADING HO and Applicant state that the time period for challenging the validity of the FEIS ended on August 7, 2010 (HO COL 394; UH/TIO COL 388). However, again using identical language, HO and UH/TIO also acknowledge that "[a]bsent intervening changed environmental circumstances," one is not allowed a challenge to this document (HO COL 396; UH/TIO COL 389; emphasis added). HO and Applicant cite a federal case to make this assertion:

Absent intervening changed environmental circumstances, no one is allowed a "second chance at administrative and judicial review when they failed to timely appeal the original" EIS. See *Oregon Natural Res. Council v. U.S. Forest Serv.*, 834 F.2d 842, 847 (9th Cir. 1987).

The central point to be made here is that Hawai'i state law does consider cultural practices to be "environmental circumstances" and it is my contention and that of my witness Professor Johnson that "religious life on the mountain has been catalyzed, magnified, and otherwise intensified since the time of the CDUA. This is true of religious activity on the mountain in general and it is specifically true of religious practices at the proposed TMT site itself. These reasons...warrant review and revision of the CDUA and the accompanying EIS, with particular attention to consultation with affected practitioners and those they serve" (Freitas FOF 47).

le. This contested case hearing *in toto*, and my testimony about spiritual and religious practices on Mauna Kea specifically, have demonstrated that environmental circumstances have in fact changed since the EIS was completed in 2010, particularly as regards traditional and customary practices. Traditional and customary practices are, by law and statute, recognized in Hawai'i as "environmental" factors to be considered in an EIS. According to HRS §343-2 "Definitions:"

"Environmental impact statement" or "statement" means an informational document prepared in compliance with the rules adopted under section 343-6 and which discloses the environmental effects of a proposed action, effects of a proposed action on the economic welfare, social welfare, and *cultural practices of the community and State*, effects of the economic activities arising out of the proposed action, measures proposed to minimize adverse effects, and alternatives to the action and their environmental effects. (emphasis added)

1f. The remedy the BLNR must provide is, at minimum, a supplemental EIS to address the changed environmental circumstances that have occurred since the original EIS document was completed in 2010. (emphases in the following citations are added)

1.f.1 Regarding this statuatory requirement see: http://oeqc2_doh.hawaii.gov/OEQC_Guidance/2012-GUIDE-to-the-Implementation-and-Practice-of-the-HEPA.pdf

4.1.3 Supplemental Environmental Impact Statements

...HEPA says that acceptance of an EIS satisfies the requirements of this chapter and no further EIS shall be required for that action, HRS 343-5(g). The Hawaii Supreme Court has held, however, that a supplemental EIS is required where there have been substantive changes in environmental effects. *Unite Here! Local 5 v. City and County of Honolulu and Kuilima Resort.* The criteria when a supplemental EIS needs to be prepared, namely, when there are changes in size, scope, location, intensity, use or timing, are set forth in Section 11-200-26, HAR.

1.f.2 From HAR 11-200-26:

HAR Title 11, Chapter 200 EIS Rules

SUBCHAPTER 2

"Supplemental statement" means an additional environmental impact statement prepared for an action for which a statement was previously accepted, but which has since changed substantively in size, scope, intensity, use, location, or timing, among other things. [Eff 12/6/85; am and comp AUG 31 1996] (Auth: HRS §343-5, 343-6) (Imp: HRS §343-2, 343-6)

SUBCHAPTER 6

DETERMINATION OF SIGNIFICANCE

- §11-200-9 Assessment of agency actions and applicant actions. (a) For agency actions, except those actions exempt from the preparation of an environmental assessment pursuant to section 343-5, HRS, or section 11-200-8, the proposing agency shall:

 (1) Seek, at the earliest practicable time, the advice and input of the county agency responsible for implementing the county's general plan for each county in which the proposed action is to occur, and consult with other agencies having jurisdiction or expertise as well as those citizen groups and individuals which the proposing agency reasonably believes to be affected;
- §11-200-12 Significance criteria. (a) In considering the significance of potential environmental effects, agencies shall consider the sum of effects on the quality of the environment, and shall evaluate the overall and cumulative effects of an action.

- (b) In determining whether an action may have a significant effect on the environment, the agency shall consider every phase of a proposed action, the expected consequences, both primary and secondary, and the cumulative as well as the short-term and long-term effects of the action. In most instances, an action shall be determined to have a significant effect on the environment if it:
- (1) Involves an irrevocable commitment to loss or destruction of any natural or cultural resource
- (4) Substantially affects the economic welfare, social welfare, and cultural practices of the community or State;
- (5) Substantially affects public health; [Eff 12/6/85; am and comp AUG 31 1996] (Auth: HRS §343-5, 343-6) (Imp: HRS §343-2, 343-6)

SUBCHAPTER 10 SUPPLEMENTAL STATEMENTS

§11-200-26 General provisions. A statement that is accepted with respect to a particular action is usually qualified by the size, scope, location, intensity, use, and timing of the action, among other things. A statement that is accepted with respect to a particular action shall satisfy the requirements of this chapter and no other statement for that proposed action shall be required, to the extent that the action has not changed substantively in size, scope, intensity, use, location or timing, among other things. If there is any change in any of these characteristics which may have a significant effect, the original statement that was changed shall no longer be valid because an essentially different action would be under consideration and a supplemental statement shall be prepared and reviewed as provided by this chapter. As long as there is no change in a proposed action resulting in individual or cumulative impacts not originally disclosed, the statement associated with that action shall be deemed to comply with this chapter. [Eff 12/6/85; am and comp AUG 31 1996] (Auth: HRS §343-5, 343-6) (Imp: HRS §343-5, 343-6)

While Applicants argue that they did disclose and anticipate significant individual impacts to "those who hold the opinion that any disturbance of Maunakea by someone other than a Native Hawaiian is significant and unmitigatible," they did not make any effort to document the true extent and development of such practices and religious sites over the last SEVEN YEARS since the FEIS was approved.

Pacific Consulting Services Inc. (FOF 654, verbatim from UH/TIO FOF 594), nowhere are these updates reflected in the the FEIS (specifically in the the Cultural Resources Management Plan, one of its four sub-plans). Instead, the most recent data regarding traditional and customary practice is treated with only minimal attention in the Archeological Inventory Survey of 2010. The type of assessment done by PCSI was focused on archeological data and conducted by an archeologist (Collins WDT), not a cultural anthropologist with training in ethnography. The in-depth data the FEIS employs relating to traditional and customary practice was collected beginning over 20 years ago: "This work was undertaken as a part of ongoing archival and oral historical research conducted by Kumu Pono Associates LLC, since 1996, and builds upon the accounts published by Maly in 1997, 1999, 2002, and 2003." (Maly, KPA Study HiMK67-OMKM (033005b) p.v)

Maly's report, commissioned by Stephanie Nagata on behalf of the University of
Hawai'i-Office of Mauna Kea Management, formed the basis for the Cultural Resources
Management Plan for the OMKM (see page 42 describing Maly's interviews with 22 informants
and cultural practitioners for his oral history (1999)). The FEIS summary of Potential
Environmental Impacts, as well as the mitigation measures directed toward reducing them
to below significant levels, was based on this outdated--if historically rich--research.

1h. It should be noted that Kepa Maly became concerned about how his research was being used as the basis for a draft EIS. In Kepa Maly's "LETTER OF PROTEST TO GROUP 70 INTERNATIONAL," a cultural consultation group, (October 14, 1999) Maly asserts:

The lack of cultural-historical information in the draft "master plan/development plan update," specifically, the cursory manner in which you have addressed the information documented in the oral historical study lacks sensitivity and integrity (I have seen drafts 1 & 2, I understand that a third draft is out). People are desperately trying to understand the traditions and on-going cultural-spiritual significance of Mauna Kea....In the past, every client that I have worked with always provided me with a copy of the resulting EIS/EA - involving me in the EIS development phases to ensure that the documentation was accurately represented; and asked me to participate in any agency/public review meetings. The goal being to provide a summary of the documentation reported and answer questions that might be raised about the work I did. Instead, I only recently learned that you took the same cultural component of the "master plan/development plan update" and incorporated it into your "draft EIS." Further more [sic], I am being called and told that you have been meeting with Hawaiians and other interested groups, presenting your version of the research I prepared...In closing, I think back to the MKAC meeting of December 1, 1998, in which Pua Kanahele looked directly at you and the co-chairs, and asked "Why did you ask us here? You've already made up your minds about what you are going to do." I can't help but think that she had a depth of vision that eluded me. I naively believed that you would approach this process with cultural sensitivity, integrity, and compassion. The above observations, along with the recent flack about disclosure of burial sites on Mauna Kea (via the web) have dismissed any room for sensitivity, integrity, and compassion in this process. (http://www.envirowatch.org/MKletter.htm)(emphases added)

In summary, the author of the research that forms the basis for the cultural component of the FEIS calls into question the misrepresentation of his data from the very outset of its public release in the context of management and development of the Mauna Kea Science Reserve. Thus, a new ethnographic study must be conducted to accurately reflect both the foundational cultural study initially done by Maly and to reflect the ongoing traditional and customary practices occurring on the mountain today.

1i. In FOF 684 (verbatim from UH/TIO FOF 624), HO asserts that there are no known customary and traditional practices in Area E where the applicants are seeking a permit to build the Thirty Meter Telescope. WRONG AND NEGLIGENT As this contested case demonstrated, a preponderance of testimony from cultural, religious, and spiritual practitioners revealed a set of robust traditional and customary practices in and around

the proposed TMT site, as well as practices on the summit, mountain, and island that would be significantly affected by the construction and operation of the TMT project. A new and revised EIS must be conducted with recognized ethnographic methods and consultative best practices to document the scope, location, and type of traditional and customary practice on the Mauna Kea, including the mountain generally, the summit, and the proposed TMT site specifically.

1j. FOF 654 (verbatim from UH/TIO FOF 594). MISLEADING AND/OR WRONG
According to HO, PCSI conducts ongoing monitoring at archeological and historic sites on UHH
managed lands by "returning to the sites once a year." Further, "the entire MKSR is surveyed
once every five years." If this were true, some form of supplemental EIS statement would
have been incorporated into the FEIS, as circumstances regarding traditional and
customary practices and the cultural landscape (including the ahus) have changed in the
SEVEN YEARS since the FEIS was approved.

Intervenor"). MISLEADING/AND OR WRONG; UH/TIO PROVIDE FURTHER

EVIDENCE THROUGH THEIR OWN WITNESS TESTIMONY OF THE

DEMONSTRATED NEED FOR A NEW EIS According to HO: "Opposing Intervenor

William Freitas asserts that there were two stones near the groundbreaking site that were

dislodged. Mr. Rechtman testifies the stones were not in the area that was bulldozed...The stones

are not near SIHP 21448 or SIHP 16172 or find spots 2005.08 or 2005.06...The stones were in

the vicinity of the boundary of the TMT project site; The TMT site is indicated by a large block

in the middle of the pink area on the map identified as figure 2 in Ex. C-12 and Ex. C-12 at 3."

Mr. Freitas questioned Mr. Rechtman as to his knowledge of standard archaeological procedures by asking who was responsible for reporting the two upright stones located in the project site for geological testing. Mr. Freitas also questioned the witness as to what happened to the two upright stones and if they were removed. Mr. Rechtman testified that he was not on site when a "woman archaeologist monitor" reported that two upright stones had been dislodged. Mr. Rechtman could not remember the "archaeological monitors name." Mr. Rechtman could not identify if the "two upright stones" were traditional cultural practices, even though UH/TIO's Ex. C-12 shows a picture of offerings placed at one of the stones.

Mr. Rechtman testified that his cultural monitor reported to him that the OMKM's cultural and construction monitor Mr. Wally Ishibashi dislodged the two cultural upright stones. Tr. 12/20/16 155:1-25 156:1-25 157:1-2

The facts are clear that Mr. Rechtman, as a lead archaeologist with a cultural monitor on site, and OMKM's cultural and construction monitor for geotech drilling, Mr. Ishibashi, did not follow the procedural protocols demanded of them by law to protect and accurately report cultural properties. The CMP, therefore, does not reflect the Native Hawaiian practices on the site, as it should according to HRS 106 and Article 12, section 7 of the Hawaii State Constitution, including the protection the latter provides for traditional and customary religious rights of Native Hawaiians. Mr. Rechtman testified that when doing an archaeological survey of a site, his procedure is a "surface survey"; this means that a cursory visual inspection can result in a finding of "no" cultural properties or "Iwi" which then can then deem the site clear of any cultural properties. Mr. Rechtman testified that he wouldn't be able to determine if there are "Iwi" on the TMT site if a surface inspection does not reveal it. Tr.

12/20/16 145:14-23 Thus, Mr. Rechtman's testimony gives conclusive evidence that the integrity of the Archaeological Survey Inventory must be questioned. In particular, the proposed TMT project area must be reevaluated more thoroughly and with greater accuracy than a cursory visual inspection can provide for such traditional practices as burials, spreading of ashes, placing of piko or placenta, and other cultural ceremonial practices. What has been determined by Mr. Rechtman's testimony is that the SIHP site 21449 and SIHP site 16172 have been found to be "not significant;" this finding was based on prior "evidence" provided by archaeologist Mr. Pat McCoy who actually dug up "one" of these so called "Natural Terraces" (Fig. 16 Ex. C-12) and found nothing. That this purported "finding" was relied upon by Mr. Rechtman and Ms. Glennon to make a determination for thousands of these terraces, which can be or have been "Destroyed" by this TMT proposed development is nothing short of a heart-breaking travesty. I, William Freitas, am a "Pohaku Kane" and have knowledge given to me by my kupuna, mother, auntie's, uncle's and families who live these traditions of spiritual cultural practices. "Burials of Iwi" are always "Huna" or hidden, and knowledge of these practices is conveyed to the family of a district or area--to have knowledge of, to give Honor to, in spiritual prayer and through offerings. This is a "Fact" in the history of the culture of Native Hawaiians and our religious spiritual practices in this contested case, as testified to by Dr. Ku Kahakalau, Dr. Kalani Flores, Dr. Manulani Aluli-Meyer, Dr. Maile Taualii, Dr. Jonathan Osorio, Dr. Tammy Noelani Perreira, Dr. Joseph Keawe Aimoku Kaholokula, Dr. Noelani Goodyear-Kaopua, Dr. Mililani Trask, Ms. Pualani Case, Mr. Michael Lee, Ms. Hawane Rios, Ms. Ruth-Rebeccalynne Aloua, Ms. Pisciotta, Ms. Tiffany Kakalia, Mr. Nelson Ho, Mr. Keahi Tajon, Mr. Paul Neves,

Ms. Debra Ward, Ms. Mehana Kihoi, Ms. Leinaala Sleightholm, Ms. Cindy Freitas, Mr. Sarah Kihoi, Kahuna Frank Nobriga, Mr. Joseph Camara, Mr. Kalikolehua Kanahele, Mr. Wiremu Carroll, Mr. Ronald Fujiyoshi, Ms. Wilma Holi, Mr. Hank Fergerstrom, Ms. Susan Rosier, Ms. Nancy Monroe, and Ms. Ward. I have witnessed these people in prayer and reverence in various places, and therewith witness Mr. Greg Johnson. A new EIS must consult with religious and spiritual practitioners today in order to meet the rigorous and principled definition of meaningful consultation.

- 2. FOF 658 taken verbatim from UH/TIO FOF 598; COL 786, which exactly matches UH/TIO COL 732 MISLEADING AND WRONG HO and UH/TIO repeatedly dismiss the ahu built on the TMT site as a "political action." I am a religious and spiritual practitioner and my practice on Mauna Kea has certainly been affected by the TMT project, but my spiritual calling to the Mauna has been passed to me from my ancestors. My practice is a living tradition. My witness, Professor Johnson, addressed this issue—the inseparability of traditional practices from the contexts in which they are expressed—in his WDT and during his testimony and cross-examination. Broadly, his argument also challenges the artificial separation of traditional and contemporary practices, a distinction that HO and UH/TIO advance in an attempt to relieve the CDUA of accounting for or meaningfully engaging my traditional practices. I am both contemporary and traditional, as are my practices.
- 2a. Here I would like to contextualize my position by quoting from Professor Johnson's WDT (4-5), which I then follow with FOFs from my own testimony:

Tradition is not a thing; it is a *process*. Living tradition draws upon the past but is necessarily constituted in the present. How could it be otherwise? This is not to dismiss the relevance of the past when assessing tradition, but to note that the past is most

usefully understood as a *model* for present-day actions rather than as a set of rigidly codified practices and beliefs...

Living traditions are necessarily of this world, not only with reference to time but also with regard to context. The constituent parts of traditions cannot be disarticulated from on-the-ground circumstances. This means traditional practices take place—always and everywhere—in moments configured by political and legal realities. The history of humanity affords scholars of religion no exceptions to this rule. Thus tradition cannot be analyzed or meaningfully described without historical, cultural, geographic, political, and legal contextualization. Likewise, in order to be protected—as the State of Hawai'i Constitution demands (XII, sec. 7)—tradition must be recognized and protected in *specific* places, times, and jurisdictions. It is not enough for a state to profess to protect traditions in general; insofar as traditions do not exist in the abstract, neither does protection of them exist in the abstract, aside from mere gesture.

Here a note on strife and tradition is warranted. For reasons outlined above, traditions frequently find expression in moments of conflict. Traditions, especially in their religious capacities, articulate ultimate concerns and deep values. These concerns and values rise to the surface when threatened. This dynamic is broadly true of all religions.... Therefore, the tendency of some scholars and courts alike to seek "pure" tradition outside of political contexts is misguided.

In addition, and of profound importance to the instant case, it is mistaken to regard activities as non-traditional if they take place in moments of conflict. The fact that a religious structure, for example, is built in a moment of crisis does not diminish its standing as religious. Nor, for that matter, does tension within a community diminish the potentially religious quality of the community's actions and beliefs, no matter how divided. Indeed, internal strife is the very engine of religious traditions—people fight over the terms of their own traditions precisely because they care so deeply about them.

Traditional Hawaiian religious practices should be understood in a similar manner, in the past and present. As is well known, many heiau and ahu were historically constructed in moments of struggle, frequently in anticipation of a battle or in commemoration of one (see, for example, Valerio Valeri, *Kingship and Sacrifice: Ritual and Society in Ancient Hawaii*, translated by Paula Wissing, The University of Chicago Press, 1985). In such moments, ancestors, deities, and other forces were called upon to assist the people. Aspects of Hawaiian religious life today follow this pattern. Tradition is manifest in action when catalyzed by circumstances, most especially when the very ground of tradition itself is threatened. Sacred places—e.g., places regarded as having ties to oral traditions, healing, burial, and worship practices—thus receive focused attention when threatened. In Hawai'i, as in many indigenous contexts, sacred places are often left unto themselves out of deference to their power and sanctity. If threatened, however, the opposite dynamic is triggered as practitioners exercise their kuleana (responsibility) to care for the sacred.

This is how I understand expressions of living tradition on Mauna Kea today and it is the framework for my expert opinion that the ahu (altars) constructed on the TMT site in the days immediately prior to the mass protest of June 24, 2015, are expressions of living Hawaiian tradition and deserve protection as such. Acting in a manner fully consistent with historical traditions, a group of Native Hawaiian traditional practitioners constructed two ahu and conducted ceremonies at them. Subsequently, these same practitioners, and especially William Freitas, have taken on the responsibility to care for these religious sites through ministering to them with regular offerings and ceremony. In this way tradition has been sustained on Mauna Kea. What may appear to some as mere political opportunism is in fact an expression of deeply held traditional beliefs—evidence of sincere religious action in a moment of crisis.

- 2b. Freitas FOF 158 Mr. Freitas states that he continues to live with traditional customary cultural religious and spiritual practices of his Native Hawaiian ancestral people. He engages in practices shown to him by his Mom, Aunties, Uncles and Kupuna, including Hawaiian families that live these traditions and share with him hands on knowledge passed to them from generation to generation. He has witnessed Mauna a Wākea, pure as his ancestors saw it!
- 2c. Freitas FOF 159 Mr. Freitas testified, "I learned things growing up in Kona, I learned about-- I watched my mom. My mom-- my mother was very versed in the ways of our kupuna, what you can do and what you cannot do. And she taught me a lot of things that needed to be done prior to stepping into areas. In fact, she always said, do not go in those areas. I was always warned, do not go in those areas because I was too young to know. And I respected those things."
- 2d. Freitas FOF 165-7 Mr. Freitas continues to practice the traditions of his kupuna (ancestors and elders). Mr. Freitas is a spiritual/religious practitioner. Specifically, Mr. Freitas is a Pohaku Kane (specialist in rockwork), a calling that began at the age of five.

- 2e. Freitas FOF 168 Mr. Freitas's connection to pohaku has remained strong through his life, including several instances in recent years that eventually connected him with his current religious practices on Mauna Kea in which he focuses on helping young people in the practice of Kapu Aloha.
- 2f. Freitas FOF 169 William Freitas identified himself as a Pohaku Kane (Stone mason) who has been guided through "pohaku" to Mauna A Wakea by opportunities and events up to 2015, such as, (Exhibit T-3.j1 and T-3.j2) SIHP 21220 Ku'ula Stone (Fishing Shrine) for the Kipapa Ohana in Kona, in the area of Pahoehoe, known today as Magic Sands.
- 2g. FOF 685 (exactly the same as UH/TIO FOF 625) FOF 687 (verbatim from UH/TIO FOF 629) MISLEADING and MISCONSTRUED HO argues that Mr. Freitas' recent practices on the summit are not legitimate because they have developed together with his opposition to the TMT project. This is an impoverished understanding of how religious practices find continuity with past traditional forms of religious expression in times of crisis.
- 2h. FOF 688 (verbatim from UH/TIO FOF 630), FOF 687, FOF 786 WRONG AND MISCONSTRUED According HO, hewing to prejudicial conjectures of UH/TIO, the construction of ahu on the summit area of Mauna Kea that I participated in were motivated by narrowly political commitments. The following sections (2i-2s) are my response to this incorrect and misconstrued claim, emphasizing my spiritual and religious motivations for building the ahu and worshipping at them.
- 2i. **Freitas FOF 181** Mr. Freitas testified being involved in the construction of two ahu on the proposed TMT site on June 22nd and 23rd, 2015.

- 2j. Freitas FOF 182 Mr. Freitas testified that traditional cultural protocols were invoked and practiced in construction of ahu on TMT proposed site.
- 2k. Freitas FOF 188 Mr. Freitas testifies to the religious character and purpose of the ahu at the proposed TMT site: "And that is the real purpose. We didn't just build those things. The purpose was for the spirituality."
 - 21. Freitas FOF 189 Mr. Freitas testifies that prayer at ahu is an example of Kapu Aloha.
- 2m. Freitas FOF 190 Mr. Freitas affirms that Kapu Aloha is a central tenet of traditional Hawaiian religious practice.
- 2n. **Freitas FOF 191** Mr. Freitas testifies that his religious practices on Mauna Kea were not "made up" in order to thwart the TMT development.
- 20. Freitas FOF 197 Mr. Freitas testified that "Ahu Ku Kia'i E Lua" was constructed out of intense necessity for prayers and offerings due to the continued effort of the DLNR, UHH, and TMT to desecrate sacred ground. See Exhibit T-3.b photo of "Ahu Ku Kia'i E Lua."
- 2p. Freitas FOF 198 Mr. Freitas identifies and describes the necessity of establishing a place for worship with prayers and offerings in traditional customary religious and spiritual practice to a sacred area that would be further desecrated in the proposed site of TMT by the construction of the telescope.
- 2q. Freitas FOF 262 Dr. Kahakalau testified that "those 'ahu were and continue to be constructed by Hawaiian practitioners in places that are very cautiously selected, no just a haphazard, but really with intense pule and with searching for truth and for light and for understanding and being driven by a kuleana to build that 'ahu, that comes from an ancestral guidance is what I would call it."

- 2r. Freitas FOF 263-265 Dr. Kahakalau continues: "When we build 'ahu, we are very, very selective. We don't just build 'ahu everywhere. And certain places people asked us to put 'ahu where we don't build 'ahu, because we don't feel it's the right spot to build them...So it's really something that as a practitioner you're taken very, very serious, and when you make the 'ahu, every rock is asked if it wants to come and be part of the 'ahu. When we built our school, we asked every pohaku that was part of the paia, you know, if it wanted to come because we gathered it from Mauna Kea, and we feel that that's how we need to treat those rocks, those pohaku...So the rocks are asked if they want to come. The person who builds it has to be very pono, clean inside and out so the cleansing ceremonies before you build an 'ahu, here is a kapu, I guess is the best way to put, when you build that 'ahu and throughout the life of that 'ahu there is kuleana, once you build that 'ahu, to malama it in every way."
- 2s. FOF 786 (same as UH/TIO FOF 732). WRONG AND MISUNDERSTOOD HO asserts: "The two ahu built and installed by W. Freitas and others on the access road in and near Area E in 2015 were placed for political or protest reasons to halt the TMT Project, and were not placed in accordance with any recognized traditional practice performed by W. Freitas or others at the locations of the two ahu within Area E." Specifically, HO states, W. Freitas . . . "had not been on the area where the two ahu were placed prior to 2015."
- 2.s.1 In the cross-examination of Mr. Freitas' witness Mr. Fujiyoshi by Ms. Kihoi, his answer to the question, "Do you believe that a person's spiritual connection to Mauna Kea should be measured by how long. (sic) That person has been physically familiar with this area?" was: "No. I think one's faith is by the depth of your commitment. And commitment

cannot be just measured in terms of number of times that you have performed a ritual." Tr. 3/2/17 vol. 44 at 129.

- 2.s.2 Mr. Fujiyoshi's answer to the question by Ms. Kihoi, "Do you believe that a spiritual connection to Mauna Kea can be felt even if one has never physically visited the mountain?" was "Of course. I think we have heard much discussion that the mountain was so sacred that people who believed that wouldn't go up there. But it doesn't mean that they didn't believe the mountain was sacred. They believe that the depth was so great that they would respect that and not go up there." Tr. 3/2/17 vol. 44 at 129.
- 2.s.3 My commitment can be seen in my experience as a cultural practitioner, my sincerity as witnessed during the entire contested case hearing, and in my continuing care of the ahus I supervised building even after they were constructed. The depth of the faith in the sacredness of Mauna Kea can be seen in the numbers and dedication of the Hawaiian cultural practitioners who have participated in this contested case hearing as Petitioners, Intervenors, witnesses and observers, as well as the number of protectors on Mauna Kea from the day of the ground-breaking ceremony until the present.
- 3. FOF 966 (verbatim from UH/TIO FOF 938) MISCONSTRUED The Applicant states: "The eighth criterion of Haw. Admin. R. § 13-5-30 only states that a proposed land use should not be materially detrimental to the public health, safety, and welfare. It does not require that a proposed land use be affirmatively beneficial to public health, safety, or welfare." While the Applicant may not have to prove that the project will provide benefits, it is their burden to demonstrate that the project will cause no harm. In COL 278 (compare UH/TIO FOF 939),

HO states: "The TMT Project will not be materially detrimental to the public health, safety, and welfare."

- 1. It is entirely unclear how HO can reach this conclusion. While HO goes to extensive lengths to delegitimize research that has been conducted on possible deleterious health effects of the project on Native Hawaiians as testified to by at least five witnesses (FOF 968-970 [compare UH/TIO FOF 942], FOF 972-973 [compare UH/TIO FOF 949], FOF 974 [exactly matches UH/TIO FOF 951], FOF 978 [exactly matches UH/TIO FOF 954], FOF 979 and 868 [compare UH/TIO 955]), ultimately all parties point to the need for more extensive, well-funded, peer-reviewed research.

 HO presents no studies beyond a highly selective phone opinion poll (FOF 981 [same as UH/TIO FOF 58]). HO fails to weigh adequately the that fact that the Applicant bears the burden of proof, and that it is incumbent upon the Applicant to update this part of the CDUA to ensure it can meet the requirements of the eighth criterion of Haw.

 Admin. R. § 13-5-30 This dearth of data needs to be rectified before the permit can be approved, as it is the burden of the Applicant to prove the project will not cause significant harm.
- 5. EXCEPTION: HO argues that, despite hearing five months of testimony and and all the various forms of evidence such a hearing has compiled, the mitigation measures developed by the last two hearing officers considering the TMT project are sufficient and meet all statutory demands without a single substantial change, particularly as relevant to traditional and customary practice on Mauna Kea SEVEN years following the FEIS.

It is my contention that mitigation measures cannot address levels of impact (even, as in the case of Kilikila II (2016) a finding of serious long-term impact with little or no mitigatable measures advanced to bring impact levels "below significant") because the scope, location, and type of traditional and customary practices on Mauna Kea, including in and around the summit area and TMT site, are undocumented and unknown.

1a. FOF 317 (verbatim from UH/TIO FOF 305) HO asserts that "[t]he use of mitigation measures is a universally recognized and widely adopted means of lessening otherwise adverse impacts in land use projects."

1b. Mitigation measures cannot address practices and ahus which are not documented or understood. This is precisely why the only mitigation measure offered by UH/TIO and, following in lock-step, the HO, to benefit the religious and spiritual practitioners represented in this hearing (and the many others who could not attend the hearings regularly, whether due to the necessity of taking half a year or more off from their jobs to be present at hearings or to travel the distance necessary to attend) is *four daytime shutdowns of the telescope*. This is a paltry and insufficient mitigation measure and certainly is not based on any solid research concerning what mitigation measures, if any, could benefit practitioners such as myself.

1c. WRONG FOF 517, 518, and 519 (which exactly match UH/TIO COL 457-459)

The failure of the CDUA and CMP to understand properly or respect traditional and customary practices like those I regularly engage in is precisely why their proposed mitigation measures do not achieve what the Applicant claims. In FOF 518 (UH/TIO COL 458), HO states:

Mitigation measures accepted in the approved TMT FEIS may be considered as part of the CDUA approval process. On the basis of the evidence presented, those measures are reasonable and accurate efforts to mitigate and lessen any cultural impacts in the Mauna Kea summit area as a whole which benefits would not otherwise exist without the TMT Project.

In FOF 519 (UH/TIO COL 459), HO asserts:

The approved and unchallenged FEIS for the TMT Project identifies several mitigation measures, both direct and indirect, that are aimed at ameliorating potential impacts on the environment and cultural practices. These measures mitigate the Project's potential impacts on the environment and cultural practices so that the TMT Project will not create a substantial adverse impact to these areas.

The mitigation measures directed toward ameliorating the impact on "environment and cultural practices" include "cultural and community outreach." A "[t]raining Program will be implemented to educate employees to understand, respect, and honor Maunakea's cultural landscape and cultural practices," and the telescope facility will be "furnished with items to provide a sense of place and acknowledge the cultural sensitivity and spiritual attributes of Maunakea" (FEIS pg S-12). Training employees and providing "sensitive" furnishings (what could these possibly be?) are in no way directed at reducing the level of impact on religious and spiritual practitioners the TMT project to "below significant." Without a comprehensive and current cultural survey of contemporary practitioners, appropriate mitigation measures cannot be ascertained.

Perhaps aware of the paucity of mitigation measures proposed in the CDUA, in her FOF the HO adds a measure to her mitigation measures list that does not appear in the original CDUA or FEIS: "consultation with cultural practitioners." I have testified under oath that no one has offered to consult with me about my religious and spiritual practices on Mauna Kea, particularly in the Summit area. In sum, the mitigation measures do not contemplate what kinds of mitigation would be possible or necessary because they are based on stale, outdated and incomplete studies of religious and cultural life on the mauna today.

6. Exception to HO's Reliance on Lyng and Kilakila for her COL and recommendation for Permit Approval.

Now I turn to the suspect legal basis of HO's position, with particular attention to two of the cases she relies upon, *Lyng* and *Kilakila*. Regarding the former, the jurisdiction of this contested case is the State of Hawai'i. It is therefore odd and alarming that the HO (as well as UH/TIO) relies on a tired, worn, and embarrassing federal decision (*Lyng v. Northwest Indian Cemetery Protective Association*, 485 U.S. 439 (1988)) in her attempt to deflect attention away from the necessity of the Applicant and the BLNR taking Native Hawaiian customary and traditional claims seriously (COL 100, 360, 364, and 377, which exactly match UH/TIO COL 102, 355, 359, and 372).

Lyng is widely regarded as reactionary, short-sighted, and completely out-of-step with principles of fairness concerning indigenous religious claims and consultation rights (see, inter alia, W. Echohawk, In the Courts of the Conquerer: The Ten Worst Indian Law Cases Ever Decided). Justice Brennan, joined by Marshall and Blackmun, could see how misguided the decision was on constitutional grounds and how hastily and summarily it dismissed native claims that were clearly articulated in the EIS documents of the case. He wrote,

Because the Court today refuses even to acknowledge the constitutional injury respondents will suffer, and because this refusal essentially leaves Native Americans with absolutely no constitutional protection against perhaps the gravest threat to their religious practices, I dissent...[B]y defining respondents' injury as "nonconstitutional," the Court has effectively bestowed on one party to this conflict the unilateral authority to resolve all future disputes in its favor, subject only to the Court's toothless exhortation to be "sensitive" to affected religions. In my view, however, Native Americans deserve -- and the Constitution demands -- more than this.

He concludes.

Given today's ruling, that freedom amounts to nothing more than the right to believe that their religion will be destroyed. The safeguarding of such a hollow freedom not only makes a mockery of the policy of the United States to protect and preserve for American Indians their inherent right of freedom to believe, express, and exercise the[ir] traditional religions, ante at 454 (quoting AIRFA), it fails utterly to accord with the dictates of the First Amendment. I dissent. (447)

According to legal experts Kristen Carpenter and Amy Bowers,

scholars remember *Lyng* for its extremely narrow formulation of the First Amendment, in which the Supreme Court found the Free Exercise Clause somehow inapplicable to the protection of Indian religious practices that occur at sacred sites. Others remark on *Lyng's* extremely broad formulation of property rights, in which the government's ownership of the public lands gave it the right to destroy sacred sites located there. *Lyng* is also infamous for making a mockery of the federal Indian trust doctrine—serving as a stark example of the many instances where the government not only failed to protect, but actually sought to harm, Indians' most precious religious and cultural resources—and the Supreme Court allowed it to happen. (Bowers, Amy and Carpenter, Kristen A., Challenging the Narrative of Conquest: The Story of Lyng v. Northwest Indian Cemetery Protective Association [July 1, 2011]. INDIAN LAW STORIES, Carole Goldberg, Kevin K. Washburn, Philip P. Frickey, eds., Foundation Press, 2011, p. 400)

The faulty jurisprudence of *Lyng* been supplanted by the federal government's vastly improved templates for and practices of consultation subsequent to administrative remedies such as *Executive Order 13175: Consultation and Coordination with Indian Tribal Governments* (signed by President Clinton on November 6, 2000), the endorsement the *United Nations Declaration on the Rights of Indigenous Peoples* by President Obama on December 17, 2010, and by state- and county-level instruments, again with particular attention to consultative mechanisms.

Well ahead of the curve, and responding to the undeniable cultural importance of the Hawaiian Renaissance of the 1960s and 1970s, Hawai'i amended its Constitution in 1978 by adding 12-7, which established an intent, means, and mandate for acknowledging Native Hawaiian traditional and customary rights. These provisions and the case law that has emerged

subsequent to them are far more robust than *Lyng* for assessing the present contested case. By considering this case in the bright light of the State Constitution rather than in the dim haze of *Lyng*, the BLNR has an opportunity to honor Native Hawaiian customary and traditional rights in a way will illustrate how forward-thinking Hawai'i is with regard to its original people.

In the effort to achieve fairness and the appearance thereof, it will be a mistake to invoke, as HO and UH/TIO have, the State Supreme Court's ruling in Kilakila (KILAKILA 'O HALEAKALĀ, Petitioner/Appellant-Appellant, v. BOARD OF LAND AND NATURAL RESOURCES, DEPARTMENT OF LAND AND NATURAL RESOURCES, SUZANNE CASE, in her official capacity as Chairperson of the Board of Land and Natural Resources, and UNIVERSITY OF HAWAI'I, Respondents/Appellees-Appellees. Supreme Court of Hawai'i. SCWC-13-0003065 Decided: October 06, 2016). Relying on a Lyng-style justification, the Court in Kilakila affirmed the CDUA, notwithstanding the clarity of the FEIS in stating that traditional and customary rights would been violated. It needs to be pointed out that the facts in Kilakila are different from those in the instant case and, additionally, that the nature and scope of traditional and customary practices on the respective mauna are different. One cannot substitute the ruling in one telescope case for a ruling in the other. To do so, or even to argue that Kilakila governs considerations with regard to Mauna Kea, requires first that traditional and customary rights be assessed adequately through proper consultation measures. Short of that, the Hearing Officer simply did not have at her disposal an adequate factual record by means of which to apply the ruling of *Kilakila* to this contested permit.

Insofar as *Kilakila* is parallel to this case, I draw the BLNR's attention to the dissenting opinion of Justice Wilson in that case.

The strength of the law resides in its fair application. Fair application of the law justifies faith in judicial decision-making. The decision in this case as to whether a \$298 million dollar telescope providing unique benefits to scientific knowledge should be built in a location sacred to the Hawaiian community is one of great consequence deserving a fair decision—a decision arising from a process of fairness that the parties and our community can trust. The conservation district use permit (CDUP) sought by the University of Hawai'i Institute for Astronomy (UHIfA) is subject to decision-making based on evidence presented at a contested case hearing—an adjudicative proceeding. A hallmark of due process to which all parties are entitled in this case is an impartial decision-maker who receives evidence subject to public view—an impartial decision-maker equally accessible to all parties, whose decision is based on the evidence and law, with no regard to which party may be the most powerful politically or economically.

... [T]he Board granted the CDUP notwithstanding the conclusion of the Final Environmental Impact Statement that construction and operation of the ATST telescope would cause major, adverse, and long-term direct impacts on traditional cultural resources.

Justice Wilson continues:

The absence of a reasonably clear factual analysis explaining the Board's departure from the conclusion of the Final Environmental Impact Statement also constitutes a basis for remand with instructions to provide such a rationale. (emphasis added)

And concludes in his concurring opinion:

... [T]he failure of the Board of Land and Natural Resources to supply with reasonable clarity a factual analysis in support of its departure from the finding of the FEIS that the construction and operation of the ATST telescope would cause major, adverse, and long-term direct impacts on traditional cultural resources require that the conservation district use permit be vacated. (emphasis added)

In conclusion, it is profoundly unfortunate that the current state of First Amendment jurisprudence, including construals of *Lyng*, as noted above, does not allow for meaningful protection of indigenous religious sites *per se*. However, it is a testament to the State of Hawai'i that it has shown an enlightened way forward on such humanitarian issues by means of its constitutional provisions, land use laws, and administrative procedures that are designed to recognize and accommodate traditional and customary practices. It is my hope that the BLNR

will make good on the promises embedded in these legal instruments and in doing so enable me and my community to feel that justice and fairness have prevailed in this context.

7. EXCEPTION to HO's Decision Order Recommendation for Permit Approval. (COL 368, an exact and unretouched copy of UH/TIO COL 363). WRONG, DECEPTIVE, and DISSIMULATING. This Exception document began with a list of wrong and misleading findings of fact and conclusions of law set forth by HO. In the COL quoted below, HO, following the exact language of UH/TIO, provides a condensed summation of her position regarding the Petitioners' and Intervenors' legitimate and sincere testimony. HO's perfunctory dismissal of her legal mandates under the State Constitution of Hawai'i and statutory requirements reveals a disregard for the law. While UH/TIO may claim that Intervenors demonstrated a lack of respect for legal authority during the June 2015 protests, this hearing made clear that the focus of our efforts during those days was not to break the law but to: 1. Hold state authorities accountable for upholding their duty to allow Native Hawaiians and others for whom Mauna Kea is sacred to be heard; 2. To ensure that our due process rights protected; and 3. To protect of beloved and sacred Mauna A Wakea.

In the words of the HO parroting UH/TIO:

According to the evidence adduced in this proceeding, the Petitioners and Opposing Intervenors have not demonstrated a need to conduct or participate in religious ceremonies on the proposed TMT Project site; they have not identified practices that will be substantially interfered with; and the BLNR's approval of the TMT Project will not threaten practitioners with sanctions if they engage in religiously motivated conduct. Moreover, except for actual construction areas while the Project is being built (and, once it is completed, the TMT Observatory site), Petitioners, Opposing Intervenors, and everyone else will have continued access to the summit area of Mauna Kea, for religious practices and for any other permitted activity. (COL 368)

This entire paragraph fairly sums up the utter paucity of the HO's understanding of traditional and customary practice on Mauna Kea and her complete failure to address the resulting harm this project will cause.

Immediate and unambiguous relief could be achieved through denial of the permit, which is what I strongly urge. If you, honorable members of the BLNR, insist on these remedies, then I, William Freitas, will feel heard and seen as a living traditional practitioner whose rights have been acknowledged. I could then live pono, and say from my na`au that I am no longer under threat, duress, and coercion.

A weaker but legally mandated remedy would be for the BLNR to demand a revised or supplemental EIS from the Applicant, together with a revised and resubmitted CDUA. This path would entail new consultative efforts, including ethnographic studies and direct consultation with the petitioners and intervenors, myself included. This would satisfy, at minimum, the State Supreme Court's mandate that the hearing properly adjudicate the permitting process avoid the possibility of further judicial review.

Kailua-Kona

William Freitas Pro Se Intervenor

Certificate of Service

I attest that a true and accurate of copy attached document has been served electronically or otherwise sent via U.S Postal service.

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Dated: 08-21-2017

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