

CMP	Subplans	Management Action	Applicability to TMT Project
OI-5	CRMP 4.1.6, 4.3.5 PAP 6.1, 6.4, 6.5, 6.7	Update and implement emergency response plan.	Indirect
7.4.2 Monitoring Evaluation and Updates			
MEU-1	NRMP 4.1.3.3 PAP 6.4, 6.6, 7	Establish a reporting system to ensure that the MKMB, DLNR, and the public are informed of results of management activities in a timely manner.	Directly Applicable
MEU-2	NRMP 5.2 CRMP 5.5 PAP 7	Conduct regular updates of the CMP that reflect outcomes of the evaluation process, and that incorporate new information about resources.	Indirect
MEU-3	PAP 7	Revise and update planning documents, including the master plan, leases, and subleases, so that they will clearly assign roles and responsibilities for managing Mauna Kea and reflect stewardship matters resolved with DLNR.	Indirect

The following tables detail the measures TMT intends to implement to comply with the CMP Management Actions directly applicable to the TMT Project. As previously noted, TMT would comply with OMKM's implementation of management actions indirectly applicable to the TMT Project.

4.1.1 Cultural Resource Management

This section sets forth the management actions that TMT would comply with that are intended to protect, preserve, and enhance the cultural resources of the UH Management Areas on Mauna Kea. As described in Section 3, cultural resources include historic properties and cultural practices. According to the CMP, the desired outcome of implementation of these management actions is an increase in understanding and appreciation of Native Hawaiian history and cultural practices related to Mauna Kea to ensure that these practices are protected and respected.

Table 4-2: Cultural Resources Management Actions (CMP Section 7.1.1)

CMP	Subplans	CMP Management Action	TMT Action to Comply with CMP Management Action
CR-3	NRMP 4.4.2 CRMP 4.3.3 PAP 4.2, 5.2, 6.1	Conduct educational efforts to generate public awareness about the importance of preserving the cultural landscape.	<p>A consistent theme of the CMP is that culturally sensitive and appropriate educational efforts are the most effective and efficient method of managing and protecting Mauna Kea's resources. Observatory staff and visitors to Mauna Kea should be educated regarding Mauna Kea's cultural landscape, including cultural practices, historic properties and their sensitivity to damage, and the rules and regulations associated with their protection and preservation. TMT would develop and implement such educational efforts and would comply with this CMP management action through the following:</p> <ul style="list-style-type: none"> • <u>Cultural and Natural Resources Training Program</u>: TMT would implement a Cultural and Natural Resources Training Program that will encompass the CMP requirement, including training TMT employees to respect, honor, and not interfere with cultural or

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			<p>religious practices and practitioners and teaching ways to reduce their impact on the cultural resources of the mountain. The training will also include imparting an understanding of Polynesian perspectives of astronomy and way-finding to the TMT staff.</p> <ul style="list-style-type: none"> • <u>TMT Outreach Office</u>: TMT would establish an outreach office and fund two full-time TMT workers to staff the office. The outreach office is intended to collaborate with community groups including 'Imiloa and Native Hawaiian groups to support and fund programs specific to Hawaiian culture and archaeological resources. • <u>Mauna Kea Resources Exhibit</u>: Through its outreach office and in coordination with OMKM and 'Imiloa, TMT would support the development of exhibits regarding cultural, natural, and historic resources that could be used at the Mauna Kea Visitor Information Station (VIS), 'Imiloa, TMT facilities, or other appropriate locations. Exhibits will include informational materials that explore the connection between Hawaiian culture and astronomy. • <u>Community Cultural Training and Events</u>: TMT would support, including through financial contributions and the utilization of its outreach office staff, cultural training and annually host a cultural event or training. Examples of this include activities such as a star gazing program at the annual Makahiki festival, workshops on stone adze making, and workshops on how to recognize archaeological sites and their importance. • <u>Sublease Rent</u>: TMT would pay sublease rent to the University, which would be directed toward Mauna Kea management through the Mauna Kea Special Management Fund. These funds may be used by OMKM to support educational efforts to generate public awareness about the importance of preserving the cultural landscape of Mauna Kea. <p>It should be noted that many of the above actions which TMT would implement address the cumulative impacts of astronomy related development on Mauna Kea, not simply just the TMT Project. This TMT Management Plan is intended to assist in managing all of Mauna Kea's resources in the UH Management Areas, including the resources impacted by the TMT Project as well as other telescope facilities on Mauna Kea.</p>
CR-14	CRMP 4.3.1.6 PAP 2.5.1	Immediately report any disturbance of a shrine or burial site to the rangers, DOCARE, Kahu Kū Mauna, and SHPD.	TMT would comply with this management action and report any disturbance to any shrine or burial site to OMKM. Furthermore, as outlined in Section 3.15 of the TMT Final EIS, TMT would develop an Archaeological Monitoring Plan in accordance with HAR § 13-279. Cultural and archaeological monitors will be present at construction sites on Mauna Kea and have authority to stop work if cultural finds are made, including historic properties. They will also inform workers of the possibility of inadvertent cultural finds, including human remains.