

OBSERVATORY SYSTEMS EVENT LOG

This document is intended to alert the CFHT science community to potentially important events at the observatory that could have a direct impact on science data and instrument availability. The log is not intended to be all inclusive nor very detailed - events that occupy staff time, but do not directly affect data quality or instrument availability will not likely show up here. Nor will the details, although we will provide links to further information if it is available. Roughly one year of history will be maintained in this file. Older entries will be available as an archive. Ongoing issues which have not been resolved will be noted as progress is made or if more than 2 weeks has passed an entry will be made to indicate the continuing nature of the problem or condition.

****Last update highlighted**

Telescope and facilities

Observatory Operations

Date	Issue
16/7/19	**Due to lack of access to the summit as a result of the TMT protests, the crane repair has been delayed. Expected completion date for the crane is 16/08/2019.
16/7/19	Night Operations continue to be suspended for Safety related issues. Changes to this situation will be posted as they occur.
16/7/19	Due to the issues associated with TMT protests and the need for staff safety during the TMT construction start, "The directors of the Maunakea Observatories collectively decided today to cease all MKO activity on the summit for at least the next 48 hours." Night operations for 16 and 17 July will be suspended at CFHT along with all other MK observatories.
10/07/19	The Engineering group has completed a detailed assessment of the 12-ton crane and determined that it is not safe to proceed as repaired. The plan is for an intermediate repair to be completed by 26/07/19. The crane will be offline until then and MegaCam will remain on the telescope until then. The long term plan will be for a complete upgrade of the crane as soon as possible. Likely completion will be 26/09/19. The crane should be operable after the intermediate repair until being taken off line for approximately 1-2 weeks for the full upgrade.
21/06/19	12 ton crane failed, taken out of service, repaired and back in

30/04/19 service on 30 June.
 12 ton crane observed to slip, taken out of service, repaired and back in service on 14 May.

Spirou

Date	Issue
08/08/19	**Spirou will be out of service for approximately 4 weeks, due to the need to break vacuum to replace one of the cold heads that provide Instrument cooling.

MegaCam

Date	Issue
6/7/18	Shutter mechanism fault. MegaCam taken offline on 27/05/19. Emergency repairs were implemented and MegaCam was returned to service on 30/5/2019
6/7/18	filter mechanism fault, filter stuck in the beam. MegaCam taken off the telescope, repair and routine maintenance scheduled for the week of 7/10. Expected return to service is 16/7/18
1/1/17	fits header exp end time off by 1.5 sec; start off by up to 6 secs
1/1/17	MegaCam FAST installed for science operations

Espadons / GRACES

Date	Issue
20/6/18	Espadons Camera focus fault. Intermittent focus stage failure. Decision to operate at fixed focus until system repair can be implemented (expected repair date the week of 10/7/18)
