



MEMORANDUM

November 9, 2022

From: Richard Buttery, George Sips, Suk-Ho Hong, David Pace
To: DIII-D Team

Subject: Level of Support for Out of Hours Activity at DIII-D

Dear DIII-D Team,

With the advent of a '9/80' schedule at DIII-D (2nd Fridays non-operational), we feel it is important to clarify the requirements and level of support for out-of-hours work, including those second Fridays. This will also apply to weekends and evenings.

- As present, all work in the DIII-D pit is subject to a Pit Work Authorization (PWA).
- Out of hours, General Atomics does maintain 24/7 safety supervision that can respond to events – though this is not located in building 34. However, out of hours, the usual array of DIII-D specific technical and safety support are not available on site, but are provided on an “on call” basis should events of concern arise.
- Approval for out-of-hours work, if it requires extra oversight or support from GA, will only be granted if that work cannot be performed during normal working hours.
- Thus, out-of-hours PWAs will be carefully assessed on a case-by-case basis to avoid activities that place primary systems at risk, such as vacuum, power, etc. Such activities should be reserved for time when sufficient on-site support and monitoring has been agreed through the PWA process and scheduling of work. Working at G34-2 doesn't need any authorization, but it is strongly recommended that the start time of the work and its duration should be notified to the diagnostic manager.
- Any work conducted out of hours in areas with equipment beyond usual office tools, must have arrangements for continuous monitoring by a second person nearby on site, as part of the work plan. This applies to the DIII-D pit and all other labs including G34-2 and equipment areas beyond routine office space at DIII-D. No one should be left alone in such areas for significant periods of time (>20 minutes) out of hours.
- Personnel should not enter areas without appropriate authorization, and where they open up areas or unlock doors, they should close/lock them again once they are no longer needed to be open for the work in question.
- More broadly all personnel conducting such work should familiarize themselves with, and follow, the WP-11 work instruction. It should be noted that that instruction is being updated to reflect clarity on the above points, which must also be followed.

Thus, with regard to “second Fridays off” and the 9/80 schedule, the summary is to treat those days same as other out of hours days such as Saturdays, planning tasks accordingly to ensure sufficient safety, monitoring and facility protection, as discussed above.