help . The commissioning work performed was on the critical path for getting the KAGRA

interferometer locked for the first time. Specific items that were worked on are:

Suspension damping work in preparation for full interferometer lock.

- Diagnostic of dual recycling cavity lock, including assessment of ITM birefringence effects and Gouy phase measurements.
- Initial Alignment and WFS (wave front sensing) setup.
- Commissioning of ALS (Arm length stabilization) system using frequencydoubled green light. The system controls common and differential arm length during the lock acquisition process before the infrared light is resonant.

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-	Power-Recycled Fabry-Pero Michelson locking in anticipation of the first full
	lock of the KAGRA interferometer.
No.	