



**GEMINI BOARD MEETING**  
**15 NOVEMBER, 18-19, 2021 VIA ZOOM**  
**RESOLUTIONS**

**Resolutions Arising from the 15 November and 18-19 2021 Gemini Board Meeting**

**Introduction**

The Board met via videoconference on 15, 18, and 19 November 2021. The Board is pleased to see the continued operations at Gemini North and Gemini South, despite the ongoing challenges associated with the COVID-19 global pandemic. The Board congratulates the Observatory on achieving a number of milestones since the last meeting, including recoating the Gemini North secondary mirror (M2), commissioning the NIR detector ARC-3 controller, and releasing the DRAGONS 3.0 data reduction pipeline. On the development front, the Board is reassured by progress on SCORPIO, and by the constructive and largely positive GNAO Progress Review.

At this meeting, the Board has continued to interact constructively and successfully with the NOIRLab leadership to ensure the best outcome for the Observatory. The Board welcomed the opportunity to provide feedback on NOIRLab’s 5-yr renewal proposal, and to interact with NOIRLab’s CEE to ensure visibility of the international partnership in Gemini’s outreach efforts and press releases.

Last but not least, the Board thanks Dr. Cynthia Froning, Dr. Karen O’Neil, and Dr. Greg Rudnick, whose term on the Board ended at this meeting, for their invaluable contributions to Gemini during the past three years. The Board also extends its thanks to Dr. Elliott Horch for masterfully leading the STAC during the past two years, and welcomes Dr. Craig Heinke as the new STAC chair.

The Board Resolutions below are for public release. In addition, the Board approved a number of Actions directed to Gemini’s Executive Agency, the Board, and its subcommittees.

**RESOLUTIONS**

**2021.B.6. STAC Report and Recommendations.** The Board thanks the STAC for providing a detailed report from its 15-16 November 2021 meeting. The Board endorses the recommendations contained in that report, in particular:

**2021.B.6a.** The Board endorses the following development priorities, in decreasing order: GNAO+GIRMOS, SCORPIO, GHOST, IGRINS- 2, GPI-2, GLAO CoD, GNIRS Controller, GeMS Improvements, GNIRS IFU and GPOL, MAROON-X, IUP.

**2021.B.6b.** The Board approves the STAC recommended science time goals for semester 2022B of 77.2% on Gemini South and of 79.6% on Gemini North, and the adjustment of science time for semester 2022A to 95.4% for Gemini South and 95% for Gemini North. The Board notes that the unusually low percentage of science time in semester 2022B is expected to be a one-off due to the extensive engineering projects that need to be completed that semester (e.g. M1 coating, GPP XT1, GHOST commissioning).

**2021.B.6c.** The Board enthusiastically endorses the continuation of planning for an in-person 2022 Gemini Science Meeting to be held on July 26-29 in Seoul, Korea.

**2021.B.6d.** The Board approves the cancellation of the LLP call for 2022 given the limited amount of time available for new programs. The Board expects an LLP call to be issued in 2023.



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**2021.B.7. Subaru Service Time Program.** The Board approves Gemini’s participation in the Subaru Service Time Program starting in 2022B.

**2021.B.8. Fast Turnaround Flexibility.** Following recommendation from the Operations Working Group as well as advice from the STAC, the Board approves the increased flexibility in FT time distribution by giving Participants “the ability to specify a number of hours rather than a fixed percentage, and the flexibility to move some hours between the sites” (OpsWG recommendation 41.2).

**2021.B.9. GPI-2 Compensatory Time.** The Board instructs the STAC to further discuss the GPI-2 CTT agreement and provide written feedback and recommendations to the Board no later than December 31, 2021. The Board will then proceed with its own assessment and provide feedback to the Observatory no later than January 31, 2022.

**2021.B.10. NOIRLab 5-yr Renewal Proposal.** The Board was given the opportunity to review and discuss NOIRLab’s 5-yr renewal proposal prior to submission to NSF. The (unconflicted) members of the Board endorse the proposal pending resolution of the Gemini-specific points highlighted in a separate report provided to the Observatory and NOIRLab.

**2021.B.11. AEON.** The Board expressed concerns about the proposed implementation of the AEON proposal approval process. Specifically, in the current incarnation, to be executed, a multi-facility proposal must be approved separately by multiple TACs, and be able to be scheduled at all of the requested facilities. This “multiple jeopardy” might be a significant deterrent for PIs wishing to apply for AEON time. The Board instructs the STAC to discuss this concern and work with the Observatory to find a solution if possible. The Board will appoint one of its members to join the STAC and the Observatory in this discussion.

**2021.B.12. DRAGONS.** The Board considers the continued development of DRAGONS to be critical for maximal exploitation of Gemini’s data. The Board instructs the Gemini STAC to assign an instrument scientist / liaison to DRAGONS’ development.