

Observing Nights

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Following is the proposed nighttime telescope schedule for Semester 2013A. Instruments available comprise the LBCs, LUCI 1 and MODS 1. Should the partners express interest at the upcoming STC and Board discussions, it may be possible to return PISCES to the telescope as well for use with the AO system on DX, scheduled in block mode.

The ratio of science nights to technical nights was targeted to be 2:1, as opposed to the 3:2 ratio in place since Semester 2011B. The proposed use of the technical time is described in a separate section. The technical time was end loaded for the semester, given the currently estimated arrival and demand for commissioning time for LUCI 2, MODS 2, and ARGOS lasers. The accompanying spreadsheet shows the actual nights balance for each partner, relative to the cumulative goal of science nights since 2008. The convention for the lower left table is that a positive number represents nights owed to the partner by the other partners or LBTO, and a negative number means that the partner has gotten allocations slightly in excess of parity.

Note that I have caught up on the usable time statistics through the most recent completed semester. Salient features are the perfect storm in 2011B, with weather + downtime losses exceeding 50% on top of the LUCI 1 failure. In contrast, the more typical number is 60%+/- for the fraction of productive hours, quite consistent with our claim of ~70% usable weather hours + modest technical losses. Since we started science in 2008, the partners have had 286 workable (equivalent) nights in total for their observations.

2013A Schedule – V2

Feb 1 - 7	LBTB Science
Feb 8 - 13	OSU/RC Science
Feb 14 - 20	Italy Science
Feb 21 - 24	LBTO Technical
Feb 26	LBTO Science Prep
Feb 27 - Mar 6	AZ Science
Mar 7 - 14	LBTB Science
Mar 15 - 20	OSU/RC Science
Mar 21 - 29	LBTO Technical
Mar 30	LBTO Science Prep
Mar 31 - Apr 6	Italy Science
Apr 7 - 13	AZ Science
Apr 14 - 20	LBTB Science

Apr 21 – 29	LBTO Technical
Apr 30	LBTO Science Prep
May 1 – 6	OSU/RC Science
May 7 - 12	Italy Science
May 13 – 19	AZ Science
May 20	Director Science
May 21 – 28	LBTO Technical
May 29	LBTO Science Prep
May 30 - Jun 4	LBTB Science
Jun 5 – 10	OSU/RC Science
Jun 11 – 16	Italy Science
Jun 17 – 29	LBTO Technical
Jun 30	LBTO Science Prep
Jul 1 - 7	AZ Science
Jul 8 – 31	Summer Shutdown