



Al Conrad <aconrad@lbto.org>

**Re: Non-sidereal targets for classical Woodward time Saturday and Sunday nights.**

John Hill <jhill@as.arizona.edu>

Sat, May 5, 2018 at 11:59 PM

To: Jordan Stone <jstone@as.arizona.edu>

Cc: Chick Woodward <chickw024@gmail.com>, Philip Hinz <phinz@as.arizona.edu>, Steve Ertel <sertel@email.arizona.edu>, Eckhart Spalding <spalding@email.arizona.edu>, Amali Vaz <amali.vaz@gmail.com>, aconrad@lbto.org, John Hill <jhill@as.arizona.edu>

Fixing the procedure so we will remember the right thing 6 months from now.

#####  
# John's May 2018 procedure...corrected  
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- 0) Use NSIGUI (on a mountain workstation) to retrieve the LBT-format ephemeris from JPL Horizons for the correct UT date. (This can be done hours or days in advance.)
- 1) Load the desired Ephemeris file on the NSIGUI with the "Choose File" button (once per target is sufficient).
- 2) On the NSIGUI check the box that says "Target is AORef"
- 3a) Press the "Set" button on the upper middle "Target Override" section of NSIGUI to hijack the next telescope preset. (Ignore the middle "Guide Override" button.)
- 3b) Press the "Set" button on the lower middle "AORef Override" section of NSIGUI to hijack the next telescope preset.
- 4) Send an ACE\_TRACK preset (for any target) to the TCS from lbti-web.
- 5) Proceed to acquire target and close AO loop as for a sidereal ACE\_TRACK preset.

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