

From: Andrea Prestwich <andreap@head.cfa.harvard.edu>
Subject: Chandra Cycle 14 GTO program
Date: January 31, 2012 1:09:20 PM EST
To: Andrea Prestwich <andreap@head.cfa.harvard.edu>
Cc: "Stephen S. Murray" <ssm@head.cfa.harvard.edu>, Paul Nulsen <pnulsen@head.cfa.harvard.edu>, Claude Canizares <crc@mit.edu>, Dan Dewey <dd@space.mit.edu>, Gordon Garmire <garmire@astro.psu.edu>, Peter Predehl <predehl@mpe.mpg.de>, Vadim Burwitz <burwitz@mpe.mpg.de>, Jelle Kaastra <J.S.Kaastra@sron.nl>, Belinda Wilkes <belinda@head.cfa.harvard.edu>

Dear Chandra GTOs,

please find below instructions for submitting your Cycle 14 GTO proposals. The deadline for submission of GTO targets is Thursday March 1 at 6PM.

The allocations have been calculated a little differently this year. In the past, the current cycle has not been included in estimating the allocations for the next cycle. However, this method tends to correct deviations from nominal allocations twice, leading to feast-and-famine cycles. Because we abolished slew tax last year, several of you are headed towards large swings in allocations in future cycles if we continue to use this method. The allocations for cycle 14 were therefore calculated accounting for estimated cycle 13 usage. The major uncertainty in estimates for the current cycle are T00s, which may or may not be triggered. However, there are no Cycle 13 T00s, so cycle 13 estimates should be good.

It would be very helpful if you could give each proposal a unique title, even if the science goals of two or more proposals are linked or overlapping. RPS will automatically assume that two or more proposals with the same title are re-submissions and will delete the first submission. Please give a complete abstract because this helps sort out conflicts. Finally, please be sure to declare ANY time constraints -- preferences or hard constraints --- on the RPS forms. This includes (but is not limited to!) coordination with other facilities.

Please let me know if you have have any questions.

Looking forward to working with you this cycle,

-- Andrea Prestwich

CYCLE 14 GTO TIME ALLOTMENT

Total GTO time is 2450 ks.
1 share (HETG, ACIS, HRC) = 700 ks
1/2 share (LETG) = 350 ks

Cycle 12 time allotments adjusting for time used in Cycles 6-12 and estimated Cycle 13 use:

HETG : 750 ks
ACIS : 1016 ks
HRC : 677 ks
LETG : 409 ks

CYCLE 14 GTO CONSTRAINED OBSERVATION ALLOTMENT

The following is the allocation of time constrained observations for the entire GTO program. All programs requesting Difficult observations must be submitted to the peer review.

Category	number allowed
Easy	6
Average	5
hard	0 (must compete)

CYCLE 13 GTO T00 ALLOTMENT

The following is the allocation of T00s for the entire GTO program. All very fast T00s (0-4 days) must be submitted to the peer review.

response time	number allowed
0-4 days	0 (must compete)
4-12 days	1
12-30 days	2
30 days	2

INSTRUCTIONS FOR SUBMISSION OF CYCLE 13 GTO TARGETS

1) Submit lists of targets via RPS. Target and instrument parameters are required. No science justification is needed. - deadline is 6 PM EST Thursday March 1. Oversubscribe by 30%-50% depending on length of your observations. (The amount of oversubscription is at your discretion. An alternate target for a very long observation may be a 100% oversubscription.) Please submit alternate targets in a separate proposal, with a proposal type GTO/ALTERNATE. Proposals which are T00s should have proposal type GTO/T00 or GTO/ALTERNATE/T00

2) CXC will notify you about GTO/GTO conflicts before 6 PM, Thursday March 8 and you may modify your list, if necessary, up to the deadline for G0 submissions, 6 PM EST Thursday March 15.

If you replace a GTO conflicted target with one of your alternates, you can pick one free of conflict and there is no problem. If you choose to substitute a new target for a GTO conflicted target, don't wait until the last day. If you submit a new target just before the deadline, and there is a GTO conflict, we will not accept it. Tell us about new targets ahead of time and we can tell you if conflicts exist.

3) CXC will notify you before 6 PM Tuesday March 22 of any G0/GTO conflicts. If such a conflict is found, you have the choice of replacing that target with an alternate for which there is no conflict, or you can submit a proposal to compete for the conflicted target. Since

we already will have the RPS information, it is the science justification that must now be written.

If you choose to replace the conflicted target with one of the alternate targets, you must notify the CXC of this choice before 6 PM EST Thursday April 5. Note that you cannot compete an alternate target and then have the option of deciding that you don't want to observe it.

If you choose to compete, the proposal will be due 6 PM EST Thursday April 5. The proposal must be in the standard GO format and submitted through RPS. You will have at least one week after notification of conflict to write and submit the science justification.

4) Going into the peer review you should have:

- 1 - a list of primary targets for which there is no conflict
- 2 - a set of proposals for conflicted targets
- 3 - alternate targets for which there is no conflict

The observing times for 1 and 2 should add to your allotment.

If any of your proposals are not accepted, you can add targets from 3 to make up the time deficit; or, you can increase the observing time of targets from group 1 or 3.

Dr. Andrea Prestwich
Einstein Fellowship Program Coordinator
Chandra X-ray Center
hea-www.harvard.edu/~andreap/