



18360 - A Pilot HST Reverberation Mapping Campaign for a 30,000 Solar Mass Black Hole

Cycle: 34, Proposal Category: GO
(Availability Mode: SUPPORTED)

INVESTIGATORS

<i>Name</i>	<i>Institution</i>
Prof. Hengxiao Guo (PI) (Contact)	Shanghai Astronomical Observatory, CAS
Dr. Jingbo Sun (CoI) (ESA Member)	Universiteit Leiden
Dr. Vivian U (CoI) (CoPI) (AdminUSPI)	California Institute of Technology
Wenke Ren (CoI)	Shanghai Astronomical Observatory, CAS
Dr. Wenwen Zuo (CoI)	Chinese Academy of Sciences
Dr. Paulina Lira (CoI)	Universidad de Chile
Dr. Mar Mezcua (CoI) (ESA Member)	Institute of Space Sciences (ICE-CSIC)
Prof. Luka C. Popovic (CoI)	Astronomical Observatory Belgrade
Dragana Davidovic (CoI)	University of Southern California
Dr. Joseph Masiero (CoI)	California Institute of Technology
Prof. Andjelka Kovacevic (CoI)	University of Belgrade
Prof. Alok C. Gupta (CoI)	Aryabhata Research Institute of Observational Sci
Philip Edwards (CoI)	Australia Telescope National Facility, CSIRO
Dr. Shu Wang (CoI) (ESA Member)	University of Southampton
Prof. Minfeng Gu (CoI)	Shanghai Astronomical Observatory, CAS
Dr. Paula Sanchez Saez (CoI) (ESA Member)	European Southern Observatory - Germany

VISITS

Proposal 18360 (STScI Edit Number: 0, Created: Monday, August 24, 2026, 11:00:28AM Eastern Standard Time) - Overview

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
01	(1) RGG2013-123	STIS/CCD	2	24-Aug-2026 12:00:17.0	yes
02	(1) RGG2013-123	WFC3/UVIS	1	24-Aug-2026 12:00:17.0	yes
03	(1) RGG2013-123	WFC3/UVIS	1	24-Aug-2026 12:00:18.0	yes
04	(1) RGG2013-123	WFC3/UVIS	1	24-Aug-2026 12:00:18.0	yes
05	(1) RGG2013-123	WFC3/UVIS	1	24-Aug-2026 12:00:18.0	yes
06	(1) RGG2013-123	WFC3/UVIS	1	24-Aug-2026 12:00:19.0	yes
07	(1) RGG2013-123	WFC3/UVIS	1	24-Aug-2026 12:00:19.0	yes
08	(1) RGG2013-123	WFC3/UVIS	1	24-Aug-2026 12:00:19.0	yes
09	(1) RGG2013-123	WFC3/UVIS	1	24-Aug-2026 12:00:20.0	yes
10	(1) RGG2013-123	WFC3/UVIS	1	24-Aug-2026 12:00:20.0	yes
11	(1) RGG2013-123	WFC3/UVIS	1	24-Aug-2026 12:00:20.0	yes
12	(1) RGG2013-123	WFC3/UVIS	1	24-Aug-2026 12:00:21.0	yes
13	(1) RGG2013-123	WFC3/UVIS	1	24-Aug-2026 12:00:21.0	yes
14	(1) RGG2013-123	WFC3/UVIS	1	24-Aug-2026 12:00:21.0	yes
15	(1) RGG2013-123	WFC3/UVIS	1	24-Aug-2026 12:00:22.0	yes
16	(1) RGG2013-123	WFC3/UVIS	1	24-Aug-2026 12:00:22.0	yes
17	(1) RGG2013-123	WFC3/UVIS	1	24-Aug-2026 12:00:22.0	yes
18	(1) RGG2013-123	WFC3/UVIS	1	24-Aug-2026 12:00:23.0	yes
19	(1) RGG2013-123	WFC3/UVIS	1	24-Aug-2026 12:00:23.0	yes
20	(1) RGG2013-123	WFC3/UVIS	1	24-Aug-2026 12:00:23.0	yes
21	(1) RGG2013-123	WFC3/UVIS	1	24-Aug-2026 12:00:24.0	yes
22	(1) RGG2013-123	WFC3/UVIS	1	24-Aug-2026 12:00:24.0	yes
23	(1) RGG2013-123	WFC3/UVIS	1	24-Aug-2026 12:00:24.0	yes
24	(1) RGG2013-123	WFC3/UVIS	1	24-Aug-2026 12:00:25.0	yes
25	(1) RGG2013-123	WFC3/UVIS	1	24-Aug-2026 12:00:25.0	yes

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
26	(1) RGG2013-123	WFC3/UVIS	1	24-Aug-2026 12:00:25.0	yes
27	(1) RGG2013-123	WFC3/UVIS	1	24-Aug-2026 12:00:26.0	yes
28	(1) RGG2013-123	WFC3/UVIS	1	24-Aug-2026 12:00:26.0	yes
29	(1) RGG2013-123	WFC3/UVIS	1	24-Aug-2026 12:00:27.0	yes
30	(1) RGG2013-123	WFC3/UVIS	1	24-Aug-2026 12:00:27.0	yes
31	(1) RGG2013-123	WFC3/UVIS	1	24-Aug-2026 12:00:27.0	yes

32 Total Orbits Used

ABSTRACT

We propose a dedicated photometric reverberation mapping (RM) campaign targeting an intermediate-mass black hole (IMBH) using HST/WFC3 in a 30-day monitoring program. By conducting broad Balmer line RM of a nearby IMBH candidate with a single-epoch BH mass estimate of around 30,000 solar mass, we aim to accurately measure its mass and confirm its IMBH nature. If successful, this would be the second IMBH confirmed via RM, and potentially the lowest-mass BH measured by this method. This campaign will demonstrate HST's unique capability to conduct RM for IMBHs with weak variability and short time lags, serving as a critical proof of concept for future space-based RM efforts.

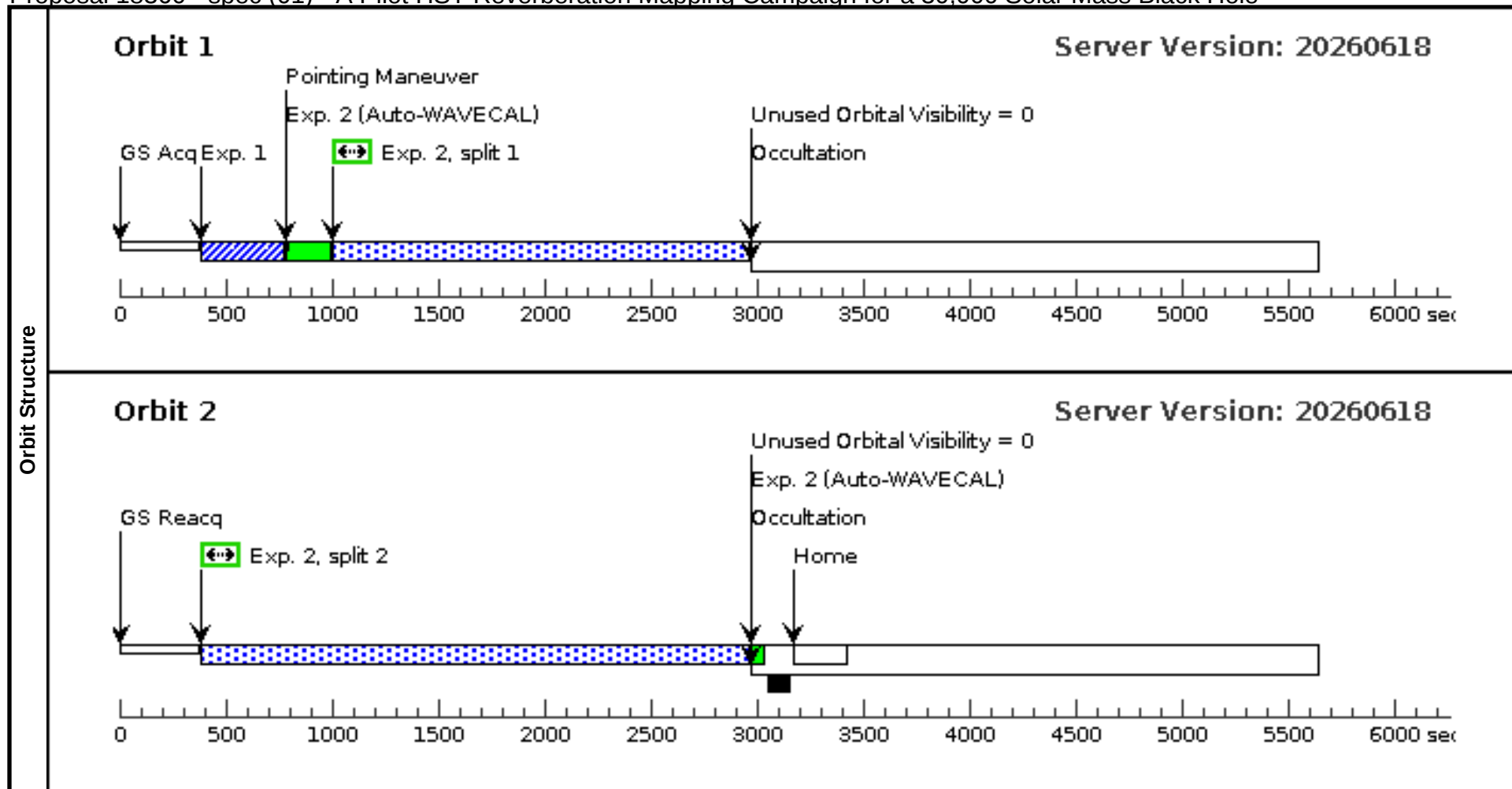
OBSERVING DESCRIPTION

We request 30 epochs of WFC3/UVIS imaging in three filters: F673N, F438W, and F621M, with exposure times of ~500, 600, and 1,200 seconds per epoch, respectively. Each epoch fits within a single orbit, including all overheads. We also request a two-orbit STIS/G750M spectroscopic visit, with a total exposure time of ~4500 seconds and a spectral resolution of approximately 5,000, to measure the contemporaneous H-alpha line width with a signal-to-noise ratio greater than 10. The program therefore requires 32 orbits in total.

We request a nominal cadence of one epoch per day, with a tolerance of plus or minus 12 hours, over the 30-epoch monitoring campaign. According to the Phase II visibility tool, the target is observable between January 9 and April 27, 2027. If uninterrupted daily monitoring is difficult to schedule, one or two short gaps of 1 to 2 days would remain acceptable and should not significantly affect the lag measurement.

Proposal 18360 - spec (01) - A Pilot HST Reverberation Mapping Campaign for a 30,000 Solar Mass Black Hole

Visit	Proposal 18360, spec (01), implementation										Mon Aug 24 16:00:28 GMT 2026	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: STIS/CCD											
	Special Requirements: BEFORE 26-APR-2027:00:00:00											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(1)	RGG2013-123	RA: 15 34 25.5883 (233.6066179d) Dec: +04 08 6.73 (4.13520d) Equinox: J2000		Proper Motion RA: 0.423 mas/yr Proper Motion Dec: -0.41600003441999434 mas/yr Parallax: 1.874E-4" Epoch of Position: 2000		V=18.22		Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.											
	Category=GALAXY Description=[SEYFERT]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(1) RGG2013-123	STIS/CCD, ACQ, F28X50LP	MIRROR				40 Secs (40 Secs)			
									[==>]		[1]	
	2		(1) RGG2013-123	STIS/CCD, ACCUM, 52X0.2	G750M				4474 Secs (4474 Secs)			
					6768 A				[==>1925.0 Secs (Split 1)]		[1]	
									[==>2549.0 Secs (Split 2)]		[2]	



Proposal 18360 - phot (02) - A Pilot HST Reverberation Mapping Campaign for a 30,000 Solar Mass Black Hole

Visit	Proposal 18360, phot (02), implementation										Mon Aug 24 16:00:28 GMT 2026
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: NO SINGLE STAR GUIDING; BEFORE 01-MAR-2027:00:00:00										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes	Miscellaneous			
	(1)	RGG2013-123	RA: 15 34 25.5883 (233.6066179d) Dec: +04 08 6.73 (4.13520d) Equinox: J2000	Proper Motion RA: 0.423 mas/yr Proper Motion Dec: -0.41600003441999434 mas/yr Parallax: 1.874E-4" Epoch of Position: 2000			V=18.22	Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=GALAXY Description=[SEYFERT]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F438W	FLASH=12	POS TARG null,10		494 Secs (494 Secs)		
									[==>]	[1]	
	2		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F621M	FLASH=9	SAME POS AS 1		594 Secs (594 Secs)		
									[==>]	[1]	
	3		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F673N	FLASH=13	SAME POS AS 1		1194 Secs (1194 Secs)		
								[==>]	[1]		
Orbit Structure	Orbit 1 GS Acq Exp. 1 Overhead Exp. 2 Overhead Exp. 3 Occultation Unused Orbital Visibility = 0 Overhead 050010001500200025003000350040004500500055006000 sec										
	Server Version: 20260618										

Proposal 18360 - phot (03) - A Pilot HST Reverberation Mapping Campaign for a 30,000 Solar Mass Black Hole

Visit	Proposal 18360, phot (03), implementation						Mon Aug 24 16:00:28 GMT 2026			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: NO SINGLE STAR GUIDING; AFTER 02 BY 12 H TO 36 H									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	RGG2013-123	RA: 15 34 25.5883 (233.6066179d) Dec: +04 08 6.73 (4.13520d) Equinox: J2000	Proper Motion RA: 0.423 mas/yr Proper Motion Dec: -0.41600003441999434 mas/yr Parallax: 1.874E-4" Epoch of Position: 2000	V=18.22	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=GALAXY Description=[SEYFERT]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F438W	FLASH=12	POS TARG 0.178,12 .406		494 Secs (494 Secs)	
									[==>]	[1]
	2		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F621M	FLASH=9	SAME POS AS 1		594 Secs (594 Secs)	
Orbit Structure									[==>]	[1]
	3		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F673N	FLASH=13	SAME POS AS 1		1194 Secs (1194 Secs)	
									[==>]	[1]
									[==>]	[1]
Orbit Structure	Orbit 1 GS Acq Exp. 1 Overhead Exp. 2 Overhead Exp. 3 Occultation Unused Orbital Visibility = 0 Overhead 050010001500200025003000350040004500500055006000 sec									
	Server Version: 20260618									

Proposal 18360 - phot (04) - A Pilot HST Reverberation Mapping Campaign for a 30,000 Solar Mass Black Hole

Visit	Proposal 18360, phot (04), implementation						Mon Aug 24 16:00:28 GMT 2026			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: NO SINGLE STAR GUIDING; AFTER 03 BY 12 H TO 36 H									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	RGG2013-123	RA: 15 34 25.5883 (233.6066179d) Dec: +04 08 6.73 (4.13520d) Equinox: J2000	Proper Motion RA: 0.423 mas/yr Proper Motion Dec: -0.41600003441999434 mas/yr Parallax: 1.874E-4" Epoch of Position: 2000	V=18.22	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=GALAXY Description=[SEYFERT]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F438W	FLASH=12	POS TARG null,10		494 Secs (494 Secs)	
									[==>]	[1]
	2		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F621M	FLASH=9	SAME POS AS 1		594 Secs (594 Secs)	
Orbit Structure									[==>]	[1]
	3		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F673N	FLASH=13	SAME POS AS 1		1194 Secs (1194 Secs)	
									[==>]	[1]
Orbit Structure	Orbit 1 GS Acq Exp. 1 Overhead Exp. 2 Overhead Exp. 3 Occultation Overhead Unused Orbital Visibility = 0 Server Version: 20260618 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec									

Proposal 18360 - phot (05) - A Pilot HST Reverberation Mapping Campaign for a 30,000 Solar Mass Black Hole

Visit	Proposal 18360, phot (05), implementation						Mon Aug 24 16:00:28 GMT 2026			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: NO SINGLE STAR GUIDING; AFTER 04 BY 12 H TO 36 H									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	RGG2013-123	RA: 15 34 25.5883 (233.6066179d) Dec: +04 08 6.73 (4.13520d) Equinox: J2000	Proper Motion RA: 0.423 mas/yr Proper Motion Dec: -0.41600003441999434 mas/yr Parallax: 1.874E-4" Epoch of Position: 2000	V=18.22	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=GALAXY Description=[SEYFERT]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F438W	FLASH=12	POS TARG 0.178,12 .406		494 Secs (494 Secs)	
									[==>]	[1]
	2		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F621M	FLASH=9	SAME POS AS 1		594 Secs (594 Secs)	
Orbit Structure									[==>]	[1]
	3		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F673N	FLASH=13	SAME POS AS 1		1194 Secs (1194 Secs)	
									[==>]	[1]
Orbit Structure	Orbit 1 GS Acq Exp. 1 Overhead Exp. 2 Overhead Exp. 3 Overhead Unused Orbital Visibility = 0 Occultation Server Version: 20260618									

Proposal 18360 - phot (06) - A Pilot HST Reverberation Mapping Campaign for a 30,000 Solar Mass Black Hole

Visit	Proposal 18360, phot (06), implementation							Mon Aug 24 16:00:28 GMT 2026		
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: NO SINGLE STAR GUIDING; AFTER 05 BY 12 H TO 36 H									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	RGG2013-123	RA: 15 34 25.5883 (233.6066179d) Dec: +04 08 6.73 (4.13520d) Equinox: J2000	Proper Motion RA: 0.423 mas/yr Proper Motion Dec: -0.41600003441999434 mas/yr Parallax: 1.874E-4" Epoch of Position: 2000	V=18.22	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=GALAXY Description=[SEYFERT]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F438W	FLASH=12	POS TARG null,10		494 Secs (494 Secs)	
									[==>]	[1]
	2		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F621M	FLASH=9	SAME POS AS 1		594 Secs (594 Secs)	
Orbit Structure									[==>]	[1]
	3		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F673N	FLASH=13	SAME POS AS 1		1194 Secs (1194 Secs)	
									[==>]	[1]
									[==>]	[1]
Orbit Structure	Orbit 1 GS Acq Exp. 1 Overhead Exp. 2 Overhead Exp. 3 Overhead Unused Orbital Visibility = 0 Occultation Server Version: 20260618 050010001500200025003000350040004500500055006000 sec									

Proposal 18360 - phot (07) - A Pilot HST Reverberation Mapping Campaign for a 30,000 Solar Mass Black Hole

Visit	Proposal 18360, phot (07), implementation						Mon Aug 24 16:00:28 GMT 2026			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: NO SINGLE STAR GUIDING; AFTER 06 BY 12 H TO 36 H									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	RGG2013-123	RA: 15 34 25.5883 (233.6066179d) Dec: +04 08 6.73 (4.13520d) Equinox: J2000	Proper Motion RA: 0.423 mas/yr Proper Motion Dec: -0.41600003441999434 mas/yr Parallax: 1.874E-4" Epoch of Position: 2000	V=18.22	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=GALAXY Description=[SEYFERT]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F438W	FLASH=12	POS TARG 0.178,12 .406		494 Secs (494 Secs)	
									[==>]	[1]
	2		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F621M	FLASH=9	SAME POS AS 1		594 Secs (594 Secs)	
									[==>]	[1]
	3		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F673N	FLASH=13	SAME POS AS 1		1194 Secs (1194 Secs)	
								[==>]	[1]	
Orbit Structure	Orbit 1 GS Acq Exp. 1 Overhead Exp. 2 Overhead Exp. 3 Occultation Overhead Unused Orbital Visibility = 0 Server Version: 20260618									

Proposal 18360 - phot (08) - A Pilot HST Reverberation Mapping Campaign for a 30,000 Solar Mass Black Hole

Visit	Proposal 18360, phot (08), implementation						Mon Aug 24 16:00:28 GMT 2026			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: NO SINGLE STAR GUIDING; AFTER 07 BY 12 H TO 36 H									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	RGG2013-123	RA: 15 34 25.5883 (233.6066179d) Dec: +04 08 6.73 (4.13520d) Equinox: J2000	Proper Motion RA: 0.423 mas/yr Proper Motion Dec: -0.41600003441999434 mas/yr Parallax: 1.874E-4" Epoch of Position: 2000	V=18.22	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=GALAXY Description=[SEYFERT]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F438W	FLASH=12	POS TARG null,10		494 Secs (494 Secs)	
									[==>]	[1]
	2		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F621M	FLASH=9	SAME POS AS 1		594 Secs (594 Secs)	
									[==>]	[1]
	3		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F673N	FLASH=13	SAME POS AS 1		1194 Secs (1194 Secs)	
								[==>]	[1]	
Orbit Structure	Orbit 1 GS Acq Exp. 1 Overhead Exp. 2 Overhead Exp. 3 Overhead Unused Orbital Visibility = 0 Occultation Server Version: 20260618 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec									

Proposal 18360 - phot (09) - A Pilot HST Reverberation Mapping Campaign for a 30,000 Solar Mass Black Hole

Visit	Proposal 18360, phot (09), implementation						Mon Aug 24 16:00:28 GMT 2026			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: NO SINGLE STAR GUIDING; AFTER 08 BY 12 H TO 36 H									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	RGG2013-123	RA: 15 34 25.5883 (233.6066179d) Dec: +04 08 6.73 (4.13520d) Equinox: J2000	Proper Motion RA: 0.423 mas/yr Proper Motion Dec: -0.41600003441999434 mas/yr Parallax: 1.874E-4" Epoch of Position: 2000	V=18.22	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=GALAXY Description=[SEYFERT]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F438W	FLASH=12	POS TARG 0.178,12 .406		494 Secs (494 Secs)	
									[==>]	[1]
	2		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F621M	FLASH=9	SAME POS AS 1		594 Secs (594 Secs)	
									[==>]	[1]
	3		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F673N	FLASH=13	SAME POS AS 1		1194 Secs (1194 Secs)	
								[==>]	[1]	
Orbit Structure	Orbit 1 GS Acq Exp. 1 Overhead Exp. 2 Overhead Exp. 3 Unused Orbital Visibility = 0 Overhead Occultation 050010001500200025003000350040004500500055006000 sec									
	Server Version: 20260618									

Proposal 18360 - phot (10) - A Pilot HST Reverberation Mapping Campaign for a 30,000 Solar Mass Black Hole

Visit	Proposal 18360, phot (10), implementation						Mon Aug 24 16:00:28 GMT 2026			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: NO SINGLE STAR GUIDING; AFTER 09 BY 12 H TO 36 H									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	RGG2013-123	RA: 15 34 25.5883 (233.6066179d) Dec: +04 08 6.73 (4.13520d) Equinox: J2000	Proper Motion RA: 0.423 mas/yr Proper Motion Dec: -0.41600003441999434 mas/yr Parallax: 1.874E-4" Epoch of Position: 2000	V=18.22	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=GALAXY Description=[SEYFERT]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F438W	FLASH=12	POS TARG null,10		494 Secs (494 Secs)	
									[==>]	[1]
	2		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F621M	FLASH=9	SAME POS AS 1		594 Secs (594 Secs)	
Orbit Structure									[==>]	[1]
	3		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F673N	FLASH=13	SAME POS AS 1		1194 Secs (1194 Secs)	
									[==>]	[1]
									[==>]	[1]
Orbit Structure	Orbit 1 GS Acq Exp. 1 Overhead Exp. 2 Overhead Exp. 3 Overhead Unused Orbital Visibility = 0 Occultation Server Version: 20260618 050010001500200025003000350040004500500055006000 sec									

Proposal 18360 - phot (11) - A Pilot HST Reverberation Mapping Campaign for a 30,000 Solar Mass Black Hole

Visit	Proposal 18360, phot (11), implementation										Mon Aug 24 16:00:28 GMT 2026
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: NO SINGLE STAR GUIDING; AFTER 10 BY 12 H TO 36 H										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	RGG2013-123	RA: 15 34 25.5883 (233.6066179d) Dec: +04 08 6.73 (4.13520d) Equinox: J2000		Proper Motion RA: 0.423 mas/yr Proper Motion Dec: -0.41600003441999434 mas/yr Parallax: 1.874E-4" Epoch of Position: 2000		V=18.22		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=GALAXY Description=[SEYFERT]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F438W	FLASH=12	POS TARG 0.178,12 .406		494 Secs (494 Secs)		
									[==>]		[1]
	2		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F621M	FLASH=9	SAME POS AS 1		594 Secs (594 Secs)		
									[==>]		[1]
	3		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F673N	FLASH=13	SAME POS AS 1		1194 Secs (1194 Secs)		
									[==>]		[1]
Orbit Structure	Orbit 1 Server Version: 20260618 GS Acq Exp. 1 Overhead Exp. 2 Overhead Exp. 3 Occultation Overhead Unused Orbital Visibility = 0 050010001500200025003000350040004500500055006000 sec										

Proposal 18360 - phot (12) - A Pilot HST Reverberation Mapping Campaign for a 30,000 Solar Mass Black Hole

Visit	Proposal 18360, phot (12), implementation										Mon Aug 24 16:00:28 GMT 2026
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: NO SINGLE STAR GUIDING; AFTER 11 BY 12 H TO 36 H										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes	Miscellaneous			
	(1)	RGG2013-123	RA: 15 34 25.5883 (233.6066179d) Dec: +04 08 6.73 (4.13520d) Equinox: J2000	Proper Motion RA: 0.423 mas/yr Proper Motion Dec: -0.41600003441999434 mas/yr Parallax: 1.874E-4" Epoch of Position: 2000			V=18.22	Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=GALAXY Description=[SEYFERT]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F438W	FLASH=12	POS TARG null,10		494 Secs (494 Secs)		
									[==>]	[1]	
	2		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F621M	FLASH=9	SAME POS AS 1		594 Secs (594 Secs)		
									[==>]	[1]	
	3		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F673N	FLASH=13	SAME POS AS 1		1194 Secs (1194 Secs)		
								[==>]	[1]		
Orbit Structure	Orbit 1 GS Acq Exp. 1 Overhead Exp. 2 Overhead Exp. 3 Occultation Overhead Unused Orbital Visibility = 0 Server Version: 20260618										

Proposal 18360 - phot (13) - A Pilot HST Reverberation Mapping Campaign for a 30,000 Solar Mass Black Hole

Visit	Proposal 18360, phot (13), implementation						Mon Aug 24 16:00:28 GMT 2026			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: NO SINGLE STAR GUIDING; AFTER 12 BY 12 H TO 36 H									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	RGG2013-123	RA: 15 34 25.5883 (233.6066179d) Dec: +04 08 6.73 (4.13520d) Equinox: J2000	Proper Motion RA: 0.423 mas/yr Proper Motion Dec: -0.41600003441999434 mas/yr Parallax: 1.874E-4" Epoch of Position: 2000	V=18.22	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=GALAXY Description=[SEYFERT]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F438W	FLASH=12	POS TARG 0.178,12 .406		494 Secs (494 Secs)	
									[==>]	[1]
	2		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F621M	FLASH=9	SAME POS AS 1		594 Secs (594 Secs)	
Orbit Structure									[==>]	[1]
	3		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F673N	FLASH=13	SAME POS AS 1		1194 Secs (1194 Secs)	
									[==>]	[1]
Orbit Structure	Orbit 1 GS Acq Exp. 1 Overhead Exp. 2 Overhead Exp. 3 Unused Orbital Visibility = 0 Overhead Occultation 050010001500200025003000350040004500500055006000 sec									

Proposal 18360 - phot (14) - A Pilot HST Reverberation Mapping Campaign for a 30,000 Solar Mass Black Hole

Visit	Proposal 18360, phot (14), implementation						Mon Aug 24 16:00:28 GMT 2026			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: NO SINGLE STAR GUIDING; AFTER 13 BY 12 H TO 36 H									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	RGG2013-123	RA: 15 34 25.5883 (233.6066179d) Dec: +04 08 6.73 (4.13520d) Equinox: J2000	Proper Motion RA: 0.423 mas/yr Proper Motion Dec: -0.41600003441999434 mas/yr Parallax: 1.874E-4" Epoch of Position: 2000	V=18.22	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=GALAXY Description=[SEYFERT]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F438W	FLASH=12	POS TARG null,10		494 Secs (494 Secs)	
									[==>]	[1]
	2		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F621M	FLASH=9	SAME POS AS 1		594 Secs (594 Secs)	
Orbit Structure									[==>]	[1]
	3		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F673N	FLASH=13	SAME POS AS 1		1194 Secs (1194 Secs)	
									[==>]	[1]
									[==>]	[1]
Orbit Structure	Orbit 1 GS Acq Exp. 1 Overhead Exp. 2 Overhead Exp. 3 Overhead Unused Orbital Visibility = 0 Occultation Server Version: 20260618 050010001500200025003000350040004500500055006000 sec									

Proposal 18360 - phot (15) - A Pilot HST Reverberation Mapping Campaign for a 30,000 Solar Mass Black Hole

Visit	Proposal 18360, phot (15), implementation						Mon Aug 24 16:00:28 GMT 2026			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: NO SINGLE STAR GUIDING; AFTER 14 BY 12 H TO 36 H									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	RGG2013-123	RA: 15 34 25.5883 (233.6066179d) Dec: +04 08 6.73 (4.13520d) Equinox: J2000	Proper Motion RA: 0.423 mas/yr Proper Motion Dec: -0.41600003441999434 mas/yr Parallax: 1.874E-4" Epoch of Position: 2000	V=18.22	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=GALAXY Description=[SEYFERT]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F438W	FLASH=12	POS TARG 0.178,12 .406		494 Secs (494 Secs)	
									[==>]	[1]
	2		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F621M	FLASH=9	SAME POS AS 1		594 Secs (594 Secs)	
Orbit Structure									[==>]	[1]
	3		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F673N	FLASH=13	SAME POS AS 1		1194 Secs (1194 Secs)	
									[==>]	[1]
Orbit Structure	Orbit 1 GS Acq Exp. 1 Overhead Exp. 2 Overhead Exp. 3 Overhead Occultation Unused Orbital Visibility = 0 Server Version: 20260618 050010001500200025003000350040004500500055006000 sec									

Proposal 18360 - phot (16) - A Pilot HST Reverberation Mapping Campaign for a 30,000 Solar Mass Black Hole

Visit	Proposal 18360, phot (16), implementation						Mon Aug 24 16:00:28 GMT 2026			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: NO SINGLE STAR GUIDING; AFTER 15 BY 12 H TO 36 H									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	RGG2013-123	RA: 15 34 25.5883 (233.6066179d) Dec: +04 08 6.73 (4.13520d) Equinox: J2000	Proper Motion RA: 0.423 mas/yr Proper Motion Dec: -0.41600003441999434 mas/yr Parallax: 1.874E-4" Epoch of Position: 2000	V=18.22	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=GALAXY Description=[SEYFERT]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F438W	FLASH=12	POS TARG null,10		494 Secs (494 Secs)	
									[==>]	[1]
	2		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F621M	FLASH=9	SAME POS AS 1		594 Secs (594 Secs)	
Orbit Structure									[==>]	[1]
	3		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F673N	FLASH=13	SAME POS AS 1		1194 Secs (1194 Secs)	
									[==>]	[1]
Orbit Structure	Orbit 1 GS Acq Exp. 1 Overhead Exp. 2 Overhead Exp. 3 Overhead Occultation Unused Orbital Visibility = 0 Server Version: 20260618 050010001500200025003000350040004500500055006000 sec									

Proposal 18360 - phot (17) - A Pilot HST Reverberation Mapping Campaign for a 30,000 Solar Mass Black Hole

Visit	Proposal 18360, phot (17), implementation						Mon Aug 24 16:00:28 GMT 2026			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: NO SINGLE STAR GUIDING; AFTER 16 BY 12 H TO 36 H									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	RGG2013-123	RA: 15 34 25.5883 (233.6066179d) Dec: +04 08 6.73 (4.13520d) Equinox: J2000	Proper Motion RA: 0.423 mas/yr Proper Motion Dec: -0.41600003441999434 mas/yr Parallax: 1.874E-4" Epoch of Position: 2000	V=18.22	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=GALAXY Description=[SEYFERT]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F438W	FLASH=12	POS TARG 0.178,12 .406		494 Secs (494 Secs)	
									[==>]	[1]
	2		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F621M	FLASH=9	SAME POS AS 1		594 Secs (594 Secs)	
									[==>]	[1]
	3		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F673N	FLASH=13	SAME POS AS 1		1194 Secs (1194 Secs)	
								[==>]	[1]	
Orbit Structure	Orbit 1 Server Version: 20260618 GS Acq Exp. 1 Overhead Exp. 2 Overhead Exp. 3 Unused Orbital Visibility = 0 Overhead Occultation									

Proposal 18360 - phot (18) - A Pilot HST Reverberation Mapping Campaign for a 30,000 Solar Mass Black Hole

Visit	Proposal 18360, phot (18), implementation						Mon Aug 24 16:00:28 GMT 2026			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: NO SINGLE STAR GUIDING; AFTER 17 BY 12 H TO 36 H									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	RGG2013-123	RA: 15 34 25.5883 (233.6066179d) Dec: +04 08 6.73 (4.13520d) Equinox: J2000	Proper Motion RA: 0.423 mas/yr Proper Motion Dec: -0.41600003441999434 mas/yr Parallax: 1.874E-4" Epoch of Position: 2000	V=18.22	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=GALAXY Description=[SEYFERT]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F438W	FLASH=12	POS TARG null,10		494 Secs (494 Secs)	
									[==>]	[1]
	2		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F621M	FLASH=9	SAME POS AS 1		594 Secs (594 Secs)	
									[==>]	[1]
	3		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F673N	FLASH=13	SAME POS AS 1		1194 Secs (1194 Secs)	
									[==>]	[1]
Orbit Structure	Orbit 1 Server Version: 20260618 GS Acq Exp. 1 Overhead Exp. 2 Overhead Exp. 3 Overhead Unused Orbital Visibility = 0 Occultation <									

Proposal 18360 - phot (19) - A Pilot HST Reverberation Mapping Campaign for a 30,000 Solar Mass Black Hole

Visit	Proposal 18360, phot (19), implementation						Mon Aug 24 16:00:28 GMT 2026			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: NO SINGLE STAR GUIDING; AFTER 18 BY 12 H TO 36 H									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	RGG2013-123	RA: 15 34 25.5883 (233.6066179d) Dec: +04 08 6.73 (4.13520d) Equinox: J2000	Proper Motion RA: 0.423 mas/yr Proper Motion Dec: -0.41600003441999434 mas/yr Parallax: 1.874E-4" Epoch of Position: 2000	V=18.22	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=GALAXY Description=[SEYFERT]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F438W	FLASH=12	POS TARG 0.178,12 .406		494 Secs (494 Secs)	
									[==>]	[1]
	2		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F621M	FLASH=9	SAME POS AS 1		594 Secs (594 Secs)	
									[==>]	[1]
	3		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F673N	FLASH=13	SAME POS AS 1		1194 Secs (1194 Secs)	
								[==>]	[1]	
Orbit Structure	Orbit 1 GS Acq Exp. 1 Overhead Exp. 2 Overhead Exp. 3 Unused Orbital Visibility = 0 Overhead Occultation 050010001500200025003000350040004500500055006000 sec									
	Server Version: 20260618									

Proposal 18360 - phot (20) - A Pilot HST Reverberation Mapping Campaign for a 30,000 Solar Mass Black Hole

Visit	Proposal 18360, phot (20), implementation							Mon Aug 24 16:00:28 GMT 2026		
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: NO SINGLE STAR GUIDING; AFTER 19 BY 12 H TO 36 H									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	RGG2013-123	RA: 15 34 25.5883 (233.6066179d) Dec: +04 08 6.73 (4.13520d) Equinox: J2000	Proper Motion RA: 0.423 mas/yr Proper Motion Dec: -0.41600003441999434 mas/yr Parallax: 1.874E-4" Epoch of Position: 2000	V=18.22	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=GALAXY Description=[SEYFERT]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F438W	FLASH=12	POS TARG null,10		494 Secs (494 Secs)	
									[==>]	[1]
	2		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F621M	FLASH=9	SAME POS AS 1		594 Secs (594 Secs)	
Orbit Structure									[==>]	[1]
	3		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F673N	FLASH=13	SAME POS AS 1		1194 Secs (1194 Secs)	
									[==>]	[1]
	Orbit 1 GS Acq Exp. 1 Overhead Exp. 2 Overhead Exp. 3 Overhead Occultation Unused Orbital Visibility = 0 Server Version: 20260618 050010001500200025003000350040004500500055006000 sec									

Proposal 18360 - phot (21) - A Pilot HST Reverberation Mapping Campaign for a 30,000 Solar Mass Black Hole

Visit	Proposal 18360, phot (21), implementation								Mon Aug 24 16:00:28 GMT 2026	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: NO SINGLE STAR GUIDING; AFTER 20 BY 12 H TO 36 H									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	RGG2013-123	RA: 15 34 25.5883 (233.6066179d) Dec: +04 08 6.73 (4.13520d) Equinox: J2000	Proper Motion RA: 0.423 mas/yr Proper Motion Dec: -0.41600003441999434 mas/yr Parallax: 1.874E-4" Epoch of Position: 2000		V=18.22		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=GALAXY Description=[SEYFERT]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F438W	FLASH=12	POS TARG 0.178,12 .406		494 Secs (494 Secs)	
									[==>]	[1]
	2		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F621M	FLASH=9	SAME POS AS 1		594 Secs (594 Secs)	
Orbit Structure									[==>]	[1]
	3		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F673N	FLASH=13	SAME POS AS 1		1194 Secs (1194 Secs)	
									[==>]	[1]
									[==>]	[1]
Orbit Structure	Orbit 1 Server Version: 20260618									

Proposal 18360 - phot (22) - A Pilot HST Reverberation Mapping Campaign for a 30,000 Solar Mass Black Hole

Visit	Proposal 18360, phot (22), implementation						Mon Aug 24 16:00:28 GMT 2026			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: NO SINGLE STAR GUIDING; AFTER 21 BY 12 H TO 36 H									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	RGG2013-123	RA: 15 34 25.5883 (233.6066179d) Dec: +04 08 6.73 (4.13520d) Equinox: J2000	Proper Motion RA: 0.423 mas/yr Proper Motion Dec: -0.41600003441999434 mas/yr Parallax: 1.874E-4" Epoch of Position: 2000	V=18.22	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=GALAXY Description=[SEYFERT]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F438W	FLASH=12	POS TARG null,10		494 Secs (494 Secs)	
									[==>]	[1]
	2		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F621M	FLASH=9	SAME POS AS 1		594 Secs (594 Secs)	
									[==>]	[1]
	3		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F673N	FLASH=13	SAME POS AS 1		1194 Secs (1194 Secs)	
									[==>]	[1]
Orbit Structure	Orbit 1 GS Acq Exp. 1 Overhead Exp. 2 Overhead Exp. 3 Occultation Unused Orbital Visibility = 0 Overhead 050010001500200025003000350040004500500055006000 sec									
	Server Version: 20260618									

Proposal 18360 - phot (23) - A Pilot HST Reverberation Mapping Campaign for a 30,000 Solar Mass Black Hole

Visit	Proposal 18360, phot (23), implementation										Mon Aug 24 16:00:28 GMT 2026
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: NO SINGLE STAR GUIDING; AFTER 22 BY 12 H TO 36 H										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	RGG2013-123	RA: 15 34 25.5883 (233.6066179d) Dec: +04 08 6.73 (4.13520d) Equinox: J2000		Proper Motion RA: 0.423 mas/yr Proper Motion Dec: -0.41600003441999434 mas/yr Parallax: 1.874E-4" Epoch of Position: 2000		V=18.22		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=GALAXY Description=[SEYFERT]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F438W	FLASH=12	POS TARG 0.178,12 .406		494 Secs (494 Secs)		
									[==>]	[1]	
	2		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F621M	FLASH=9	SAME POS AS 1		594 Secs (594 Secs)		
									[==>]	[1]	
	3		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F673N	FLASH=13	SAME POS AS 1		1194 Secs (1194 Secs)		
									[==>]	[1]	
Orbit Structure	Orbit 1 GS Acq Exp. 1 Overhead Exp. 2 Overhead Exp. 3 Overhead Unused Orbital Visibility = 0 Occultation Server Version: 20260618 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec										

Proposal 18360 - phot (24) - A Pilot HST Reverberation Mapping Campaign for a 30,000 Solar Mass Black Hole

Visit	Proposal 18360, phot (24), implementation						Mon Aug 24 16:00:28 GMT 2026			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: NO SINGLE STAR GUIDING; AFTER 23 BY 12 H TO 36 H									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	RGG2013-123	RA: 15 34 25.5883 (233.6066179d) Dec: +04 08 6.73 (4.13520d) Equinox: J2000	Proper Motion RA: 0.423 mas/yr Proper Motion Dec: -0.41600003441999434 mas/yr Parallax: 1.874E-4" Epoch of Position: 2000	V=18.22	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=GALAXY Description=[SEYFERT]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F438W	FLASH=12	POS TARG null,10		494 Secs (494 Secs)	
									[==>]	[1]
	2		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F621M	FLASH=9	SAME POS AS 1		594 Secs (594 Secs)	
Orbit Structure									[==>]	[1]
	3		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F673N	FLASH=13	SAME POS AS 1		1194 Secs (1194 Secs)	
									[==>]	[1]
									[==>]	[1]
Orbit Structure	Orbit 1 GS Acq Exp. 1 Overhead Exp. 2 Overhead Exp. 3 Occultation Unused Orbital Visibility = 0 Overhead Server Version: 20260618 050010001500200025003000350040004500500055006000 sec									

Proposal 18360 - phot (25) - A Pilot HST Reverberation Mapping Campaign for a 30,000 Solar Mass Black Hole

Visit	Proposal 18360, phot (25), implementation						Mon Aug 24 16:00:28 GMT 2026			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: NO SINGLE STAR GUIDING; AFTER 24 BY 12 H TO 36 H									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	RGG2013-123	RA: 15 34 25.5883 (233.6066179d) Dec: +04 08 6.73 (4.13520d) Equinox: J2000	Proper Motion RA: 0.423 mas/yr Proper Motion Dec: -0.41600003441999434 mas/yr Parallax: 1.874E-4" Epoch of Position: 2000	V=18.22	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=GALAXY Description=[SEYFERT]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F438W	FLASH=12	POS TARG 0.178,12 .406		494 Secs (494 Secs)	
									[==>]	[1]
	2		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F621M	FLASH=9	SAME POS AS 1		594 Secs (594 Secs)	
Orbit Structure									[==>]	[1]
	3		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F673N	FLASH=13	SAME POS AS 1		1194 Secs (1194 Secs)	
									[==>]	[1]
Orbit Structure	Orbit 1 GS Acq Exp. 1 Overhead Exp. 2 Overhead Exp. 3 Overhead Occultation Unused Orbital Visibility = 0 Server Version: 20260618 050010001500200025003000350040004500500055006000 sec									

Proposal 18360 - phot (26) - A Pilot HST Reverberation Mapping Campaign for a 30,000 Solar Mass Black Hole

Visit	Proposal 18360, phot (26), implementation								Mon Aug 24 16:00:28 GMT 2026	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: NO SINGLE STAR GUIDING; AFTER 25 BY 12 H TO 36 H									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(1)	RGG2013-123	RA: 15 34 25.5883 (233.6066179d) Dec: +04 08 6.73 (4.13520d) Equinox: J2000		Proper Motion RA: 0.423 mas/yr Proper Motion Dec: -0.41600003441999434 mas/yr Parallax: 1.874E-4" Epoch of Position: 2000		V=18.22	Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=GALAXY Description=[SEYFERT]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F438W	FLASH=12	POS TARG null,10		494 Secs (494 Secs)	
									[==>]	[1]
	2		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F621M	FLASH=9	SAME POS AS 1		594 Secs (594 Secs)	
Exposures									[==>]	[1]
	3		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F673N	FLASH=13	SAME POS AS 1		1194 Secs (1194 Secs)	
									[==>]	[1]
Orbit Structure	Orbit 1 Server Version: 20260618 GS Acq Exp. 1 Overhead Exp. 2 Overhead Exp. 3 Occultation Overhead Unused Orbital Visibility = 0									

Proposal 18360 - phot (27) - A Pilot HST Reverberation Mapping Campaign for a 30,000 Solar Mass Black Hole

Visit	Proposal 18360, phot (27), implementation										Mon Aug 24 16:00:28 GMT 2026
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: NO SINGLE STAR GUIDING; AFTER 26 BY 12 H TO 36 H										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	RGG2013-123	RA: 15 34 25.5883 (233.6066179d) Dec: +04 08 6.73 (4.13520d) Equinox: J2000		Proper Motion RA: 0.423 mas/yr Proper Motion Dec: -0.41600003441999434 mas/yr Parallax: 1.874E-4" Epoch of Position: 2000		V=18.22		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=GALAXY Description=[SEYFERT]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F438W	FLASH=12	POS TARG 0.178,12 .406		494 Secs (494 Secs)		
									[==>]		[1]
	2		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F621M	FLASH=9	SAME POS AS 1		594 Secs (594 Secs)		
									[==>]		[1]
	3		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F673N	FLASH=13	SAME POS AS 1		1194 Secs (1194 Secs)		
									[==>]		[1]
Orbit Structure	Orbit 1 Server Version: 20260618 GS Acq Exp. 1 Overhead Exp. 2 Overhead Exp. 3 Overhead Occultation Unused Orbital Visibility = 0										

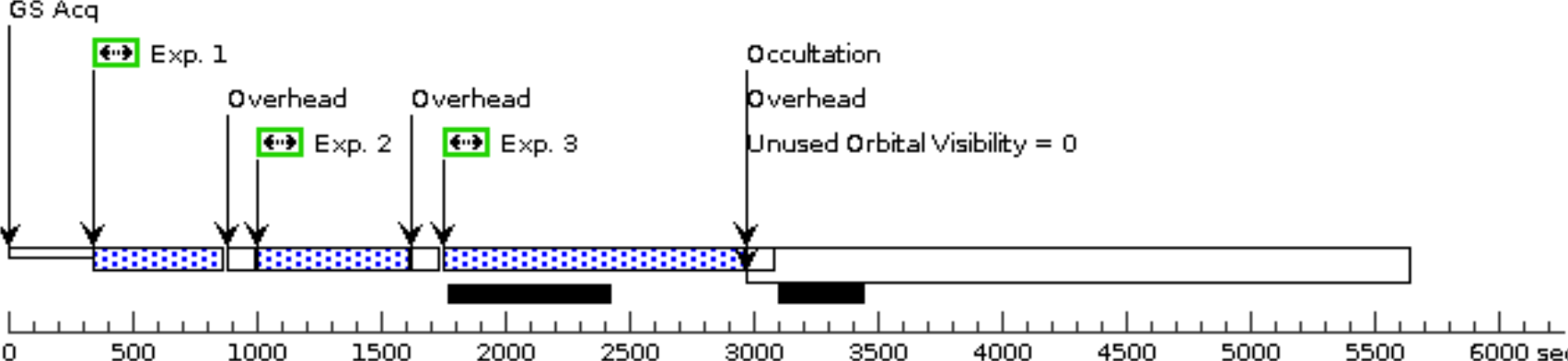
Proposal 18360 - phot (28) - A Pilot HST Reverberation Mapping Campaign for a 30,000 Solar Mass Black Hole

Visit	Proposal 18360, phot (28), implementation						Mon Aug 24 16:00:28 GMT 2026			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: NO SINGLE STAR GUIDING; AFTER 27 BY 12 H TO 36 H									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	RGG2013-123	RA: 15 34 25.5883 (233.6066179d) Dec: +04 08 6.73 (4.13520d) Equinox: J2000	Proper Motion RA: 0.423 mas/yr Proper Motion Dec: -0.41600003441999434 mas/yr Parallax: 1.874E-4" Epoch of Position: 2000	V=18.22	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=GALAXY Description=[SEYFERT]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F438W	FLASH=12	POS TARG null,10		494 Secs (494 Secs)	
									[==>]	[1]
	2		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F621M	FLASH=9	SAME POS AS 1		594 Secs (594 Secs)	
Orbit Structure									[==>]	[1]
	3		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F673N	FLASH=13	SAME POS AS 1		1194 Secs (1194 Secs)	
									[==>]	[1]
Orbit Structure	Orbit 1 GS Acq Exp. 1 Overhead Exp. 2 Overhead Exp. 3 Occultation Overhead Unused Orbital Visibility = 0 Server Version: 20260618									

Proposal 18360 - phot (29) - A Pilot HST Reverberation Mapping Campaign for a 30,000 Solar Mass Black Hole

Visit	Proposal 18360, phot (29), implementation						Mon Aug 24 16:00:28 GMT 2026			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: NO SINGLE STAR GUIDING; AFTER 28 BY 12 H TO 36 H									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	RGG2013-123	RA: 15 34 25.5883 (233.6066179d) Dec: +04 08 6.73 (4.13520d) Equinox: J2000	Proper Motion RA: 0.423 mas/yr Proper Motion Dec: -0.41600003441999434 mas/yr Parallax: 1.874E-4" Epoch of Position: 2000	V=18.22	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=GALAXY Description=[SEYFERT]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F438W	FLASH=12	POS TARG 0.178,12 .406		494 Secs (494 Secs)	
									[==>]	[1]
	2		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F621M	FLASH=9	SAME POS AS 1		594 Secs (594 Secs)	
Orbit Structure									[==>]	[1]
	3		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F673N	FLASH=13	SAME POS AS 1		1194 Secs (1194 Secs)	
									[==>]	[1]
Orbit Structure	Orbit 1 GS Acq Exp. 1 Overhead Exp. 2 Overhead Exp. 3 Unused Orbital Visibility = 0 Overhead Occultation 050010001500200025003000350040004500500055006000 sec									

Proposal 18360 - phot (30) - A Pilot HST Reverberation Mapping Campaign for a 30,000 Solar Mass Black Hole

Visit	Proposal 18360, phot (30), implementation						Mon Aug 24 16:00:28 GMT 2026			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: NO SINGLE STAR GUIDING; AFTER 29 BY 12 H TO 36 H									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	RGG2013-123	RA: 15 34 25.5883 (233.6066179d) Dec: +04 08 6.73 (4.13520d) Equinox: J2000	Proper Motion RA: 0.423 mas/yr Proper Motion Dec: -0.41600003441999434 mas/yr Parallax: 1.874E-4" Epoch of Position: 2000	V=18.22	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=GALAXY Description=[SEYFERT]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F438W	FLASH=12	POS TARG null,10		494 Secs (494 Secs)	
									[==>]	[1]
	2		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F621M	FLASH=9	SAME POS AS 1		594 Secs (594 Secs)	
									[==>]	[1]
	3		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F673N	FLASH=13	SAME POS AS 1		1194 Secs (1194 Secs)	
								[==>]	[1]	
Orbit Structure	Orbit 1 GS Acq Exp. 1 Overhead Exp. 2 Overhead Exp. 3 Occultation Overhead Unused Orbital Visibility = 0 Server Version: 20260618 									

Proposal 18360 - phot (31) - A Pilot HST Reverberation Mapping Campaign for a 30,000 Solar Mass Black Hole

Visit	Proposal 18360, phot (31), implementation						Mon Aug 24 16:00:28 GMT 2026			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: NO SINGLE STAR GUIDING; AFTER 30 BY 12 H TO 36 H									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	RGG2013-123	RA: 15 34 25.5883 (233.6066179d) Dec: +04 08 6.73 (4.13520d) Equinox: J2000	Proper Motion RA: 0.423 mas/yr Proper Motion Dec: -0.41600003441999434 mas/yr Parallax: 1.874E-4" Epoch of Position: 2000	V=18.22	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=GALAXY Description=[SEYFERT]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F438W	FLASH=12	POS TARG 0.178,12 .406		494 Secs (494 Secs)	
									[==>]	[1]
	2		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F621M	FLASH=9	SAME POS AS 1		594 Secs (594 Secs)	
Orbit Structure									[==>]	[1]
	3		(1) RGG2013-123	WFC3/UVIS, ACCUM, UVIS	F673N	FLASH=13	SAME POS AS 1		1194 Secs (1194 Secs)	
									[==>]	[1]
Orbit Structure	Orbit 1 GS Acq Exp. 1 Overhead Exp. 2 Overhead Exp. 3 Occultation Unused Orbital Visibility = 0 Overhead 050010001500200025003000350040004500500055006000 sec									
	Server Version: 20260618									