16706 - This is NUTS! A Narrow-field Ultraviolet Transient Survey

Cycle: 29, Proposal Category: GO

(UV Initiative)

(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
11	(1) GOODS-S-UVCANDELS	WFC3/UVIS	1	25-Feb-2022 13:01:51.0	yes
12	(1) GOODS-S-UVCANDELS	WFC3/UVIS	1	25-Feb-2022 13:01:52.0	yes
13	(1) GOODS-S-UVCANDELS	WFC3/UVIS	1	25-Feb-2022 13:01:53.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
14	(1) GOODS-S-UVCANDELS	WFC3/UVIS	1	25-Feb-2022 13:01:54.0	yes
15	(1) GOODS-S-UVCANDELS	WFC3/UVIS	1	25-Feb-2022 13:01:55.0	yes
21	(1) GOODS-S-UVCANDELS	WFC3/UVIS	1	25-Feb-2022 13:01:56.0	yes
22	(1) GOODS-S-UVCANDELS	WFC3/UVIS	1	25-Feb-2022 13:01:56.0	yes
23	(1) GOODS-S-UVCANDELS	WFC3/UVIS	1	25-Feb-2022 13:01:57.0	yes
24	(1) GOODS-S-UVCANDELS	WFC3/UVIS	1	25-Feb-2022 13:01:58.0	yes
25	(1) GOODS-S-UVCANDELS	WFC3/UVIS	1	25-Feb-2022 13:01:59.0	yes
31	(1) GOODS-S-UVCANDELS	WFC3/UVIS	1	25-Feb-2022 13:02:00.0	yes
32	(1) GOODS-S-UVCANDELS	WFC3/UVIS	1	25-Feb-2022 13:02:00.0	yes
33	(1) GOODS-S-UVCANDELS	WFC3/UVIS	1	25-Feb-2022 13:02:01.0	yes
34	(1) GOODS-S-UVCANDELS	WFC3/UVIS	1	25-Feb-2022 13:02:02.0	yes
35	(1) GOODS-S-UVCANDELS	WFC3/UVIS	1	25-Feb-2022 13:02:03.0	yes
41	(1) GOODS-S-UVCANDELS	WFC3/UVIS	1	25-Feb-2022 13:02:04.0	yes
42	(1) GOODS-S-UVCANDELS	WFC3/UVIS	1	25-Feb-2022 13:02:05.0	yes
43	(1) GOODS-S-UVCANDELS	WFC3/UVIS	1	25-Feb-2022 13:02:06.0	yes
44	(1) GOODS-S-UVCANDELS	WFC3/UVIS	1	25-Feb-2022 13:02:07.0	yes
45	(1) GOODS-S-UVCANDELS	WFC3/UVIS	1	25-Feb-2022 13:02:07.0	yes
51	(1) GOODS-S-UVCANDELS	WFC3/UVIS	1	25-Feb-2022 13:02:08.0	yes
52	(1) GOODS-S-UVCANDELS	WFC3/UVIS	1	25-Feb-2022 13:02:09.0	yes
53	(1) GOODS-S-UVCANDELS	WFC3/UVIS	1	25-Feb-2022 13:02:10.0	yes
54	(1) GOODS-S-UVCANDELS	WFC3/UVIS	1	25-Feb-2022 13:02:11.0	yes
55	(1) GOODS-S-UVCANDELS	WFC3/UVIS	1	25-Feb-2022 13:02:11.0	yes
61	(1) GOODS-S-UVCANDELS	WFC3/UVIS	1	25-Feb-2022 13:02:12.0	yes
62	(1) GOODS-S-UVCANDELS	WFC3/UVIS	1	25-Feb-2022 13:02:13.0	yes
63	(1) GOODS-S-UVCANDELS	WFC3/UVIS	1	25-Feb-2022 13:02:14.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
64	(1) GOODS-S-UVCANDELS	WFC3/UVIS	1	25-Feb-2022 13:02:15.0	yes
65	(1) GOODS-S-UVCANDELS	WFC3/UVIS	1	25-Feb-2022 13:02:15.0	yes
1A	(2) TOO-SN-1	WFC3/UVIS	1	25-Feb-2022 13:02:17.0	yes
1B	(2) TOO-SN-1	WFC3/UVIS	1	25-Feb-2022 13:02:17.0	yes
2A	(3) TOO-SN-2	WFC3/UVIS	1	25-Feb-2022 13:02:18.0	yes
2B	(3) TOO-SN-2	WFC3/UVIS	1	25-Feb-2022 13:02:18.0	yes

34 Total Orbits Used

ABSTRACT

The Ultraviolet (UV) transient sky is one of the next frontiers in time-domain astrophysics with several space mission concepts planned for the middle of the decade. UV wavelengths are typically associated with hot phenomena, but we are focused on their use in measuring shock breakout and shock cooling from core-collapse supernovae (CCSNe) at very early times. These extreme events correspond to the shock emerging from the surface of the progenitor. If properly sampled, the UV peaks can be used to constrain properties of the progenitor stars, including the energy per unit mass of the SN ejecta and the stellar radius. No previous HST UV time-domain survey had had the right depth and cadence to detect these events. Here we propose a 30 orbit (Small) Narrow-field Ultraviolet Transient Survey (NUTS) with WFC3 UVIS (F275W and F336W), which will represent the deepest and fastest UV time-domain survey to date. We intend for this survey to serve as a ``pathfinder'' to lay the foundation for future missions, both with and without HST. The survey will reach a depth of >26 mag AB over 73 square arcmin with a cadence of 2 days over 6 epochs out to a redshift of 1.3. Coordinated observations with the deep, ground-based Subaru Hyper Supreme Cam (HSC) SN survey will allow us to pinpoint the time and location of SNe. We expect the primary result of this survey to be the discovery of 2-3 shock cooling events, approximately doubling the sample of existing events. The survey will also provide significant ancillary UV transient science, including but not limited to SN shock interaction, Type Ia non-degenerate companions, and tidal disruption events.

OBSERVING DESCRIPTION

ToO Update: We have completed our analysis of the NUTS mosaic data, and these are our ToO triggers for probable Type IIP supernovae at redshifts of ~0.6-1.1. These objects were ~25.5-26 AB mag in F336W at the beginning of December 2021 (and would be brighter in the optical), and remain bright for months, so they should still be observable with our planned visits. These optical observations are necessary to provide color

information for classification and line-of-sight extinction estimation.

Due to the limited time this field is observable (~1 month), we have shortened the acceptable time between epochs for each ToO from 10 days to 5 days. While this was intended to aid in successfully scheduling all 4 visits, spacing the epochs maximally during the field's visibility window would still be optimal for the science case. We have also set the min/max orient ranges for each visit to match those possible for the next ~1 month, but we have no real restriction on orient. Finally, we have changed the target aperture in the individual exposures from UVIS2 to UVIS1. This is because the performance between the two chips at these wavelengths is equivalent, but due to the orient range restrictions centering on UVIS1 produces more overlap with the original mosaic, which provides improved legacy value.

The first epoch of each trigger can be scheduled as soon as possible, and the second can be scheduled (at least 5 days after the first) until the field is no longer observable on March 28th.

NUTS has two observing components: A 6-epoch survey and 2 non-disruptive ToOs. This project will have coordinated imaging from the HSC, which can only be scheduled for fall 2021. We have also sought to take advantage of legacy UV data by matching our survey footprint with that of UVCANDELS (15647), and when considering the location of this field and the orientation of the UVCANDELS observations, the only observability window we have during our HSC observations is November 23rd-December 3rd. We have therefore scheduled our 6 epoch, 5 pointings-per-epoch survey during this window, with a cadence of ~2 days to fill out this 12 day period. Each pointing is a single orbit, in which we have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, and use a maximum dither (without reacquiring a GS) to create the second column of our survey mosaic, without a mid-orbit filter change between F275W and F336W. The result is a ~5x2 UVIS FOV mosaic from 5 pointings.

We anticipate ~2 SN detections during this 30 orbit survey, and we have followed the same method above for producing a WFC3-UVIS-DITHER-LINE pattern without a mid-orbit filter change between F606W and F814W for each resulting ToO trigger. Each ToO is non-disruptive and is comprised of 2 epochs ~2 weeks apart, with 1 orbit per epoch (all 4 of these observations are currently "On Hold"). This results in a 30 orbit survey and 2 separate 2 orbit ToOs, matching our total 34 allocated orbits.

Visit

Proposal 16706, Tile Tiles1-2_UVC7-8 (11), completed Fri Feb 25 18:02:19 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: ORIENT 26D TO 26 D; BETWEEN 24-NOV-2021:00:00:00 AND 25-NOV-2021:00:00:00; GROUP 11,12,13,14,15 WITHIN 5 Orbits

Comments: Epoch 1 pointing 1, produces mosaic tiles 1-2 covering UVCANDELS visits 7-8.

Fixed Targets

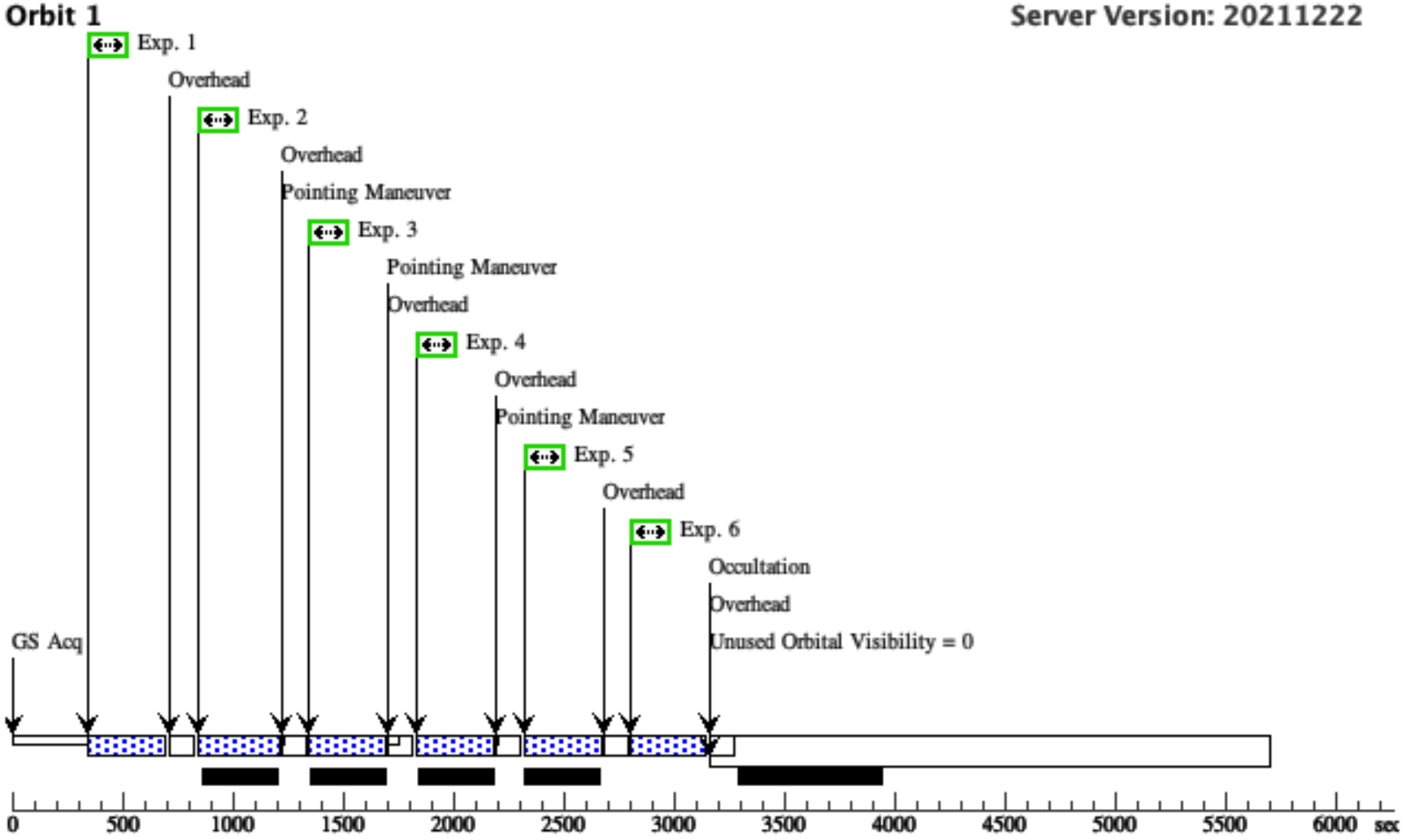
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	GOODS-S-UVCANDELS	RA: 03 32 43.0000 (53.1791667d) Dec: -27 54 16.00 (-27.90444d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments: We plan to utilize legacy data from UVCANDELS, so our target for SN discovery is the UVCANDELS field.
Category=EXT-STAR
Description=[SUPERNOVA]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(WFC3UVIS.im.1530125)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 0.0,-324.44332797577835; GS ACQ SCENARIO BASE1B3		323 Secs (323 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
2	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.0,-324.44332797577835		348 Secs (348 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
3	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.099,-324.37732797577837		348 Secs (348 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
4	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.891,-322.0503279757784		348 Secs (348 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
5	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.97,-321.98432797577834		348 Secs (348 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
6	(WFC3UVIS.im.1529037)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 129.97,-321.98432797577834		323 Secs (323 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								

Orbit Structure



Visit

Proposal 16706, Tile Tiles3-4_UVC5-8 (12), completed Fri Feb 25 18:02:19 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: ORIENT 25D TO 25 D

Comments: Epoch 1 pointing 2, produces mosaic tiles 3-4 covering UVCANDELS visits 5-8.

Fixed Targets

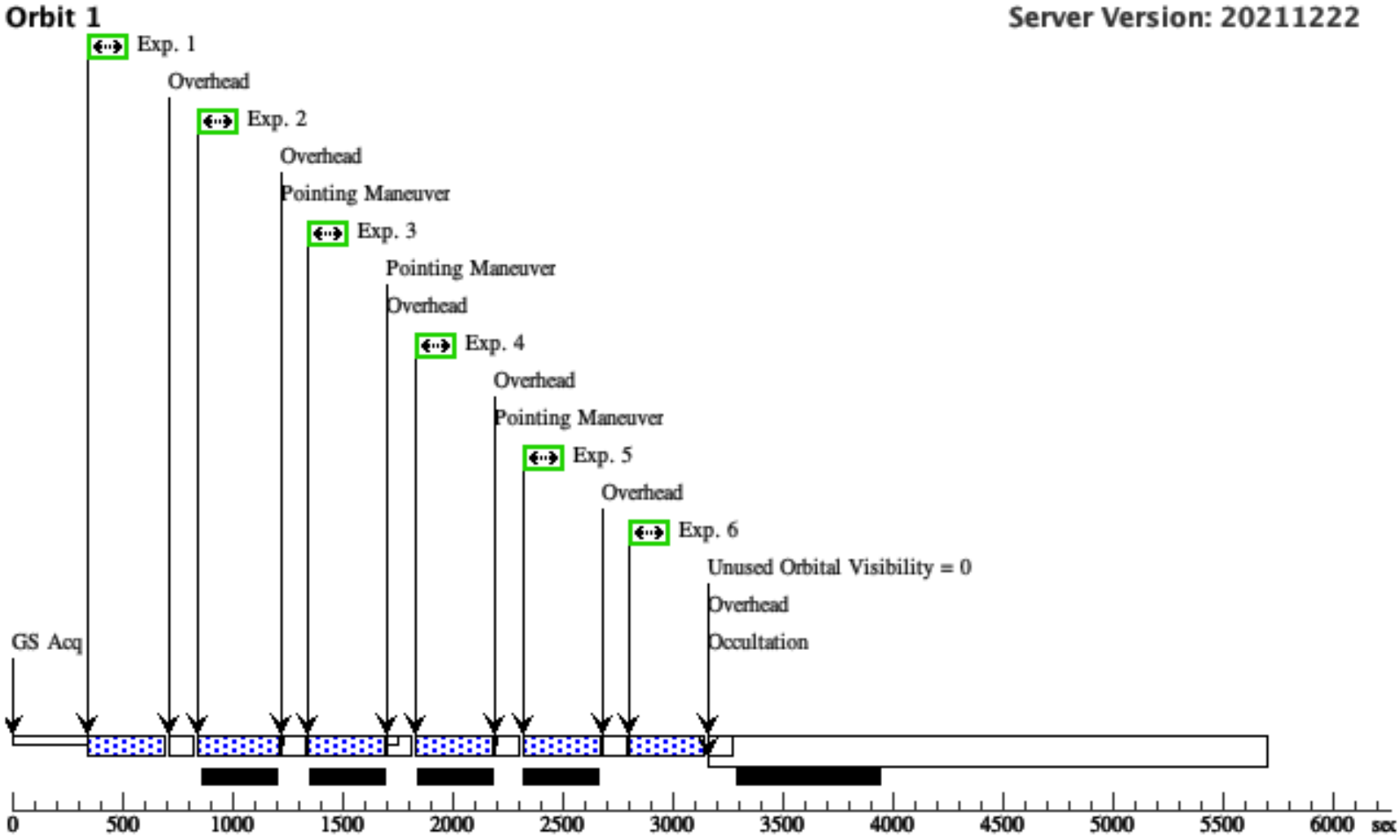
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	GOODS-S-UVCANDELS	RA: 03 32 43.0000 (53.1791667d) Dec: -27 54 16.00 (-27.90444d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments: We plan to utilize legacy data from UVCANDELS, so our target for SN discovery is the UVCANDELS field.
Category=EXT-STAR
Description=[SUPERNOVA]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(WFC3UVIS.im.1530125)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 0.0,-162.22166398788914		323 Secs (323 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
2	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.0,-162.22166398788914		348 Secs (348 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
3	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.099,-162.15566398788914		348 Secs (348 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
4	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.891,-159.82866398788914		348 Secs (348 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
5	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.97,-159.76266398788914		348 Secs (348 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
6	(WFC3UVIS.im.1529037)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 129.97,-159.76266398788914		323 Secs (323 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								

Orbit Structure



Visit

Proposal 16706, Tile Tiles5-6_UVC3-6 (13), completed Fri Feb 25 18:02:19 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: ORIENT 18D TO 18 D

Comments: Epoch 1 pointing 3, produces mosaic tiles 5-6 covering UVCANDELS visits 3-6.

Fixed Targets

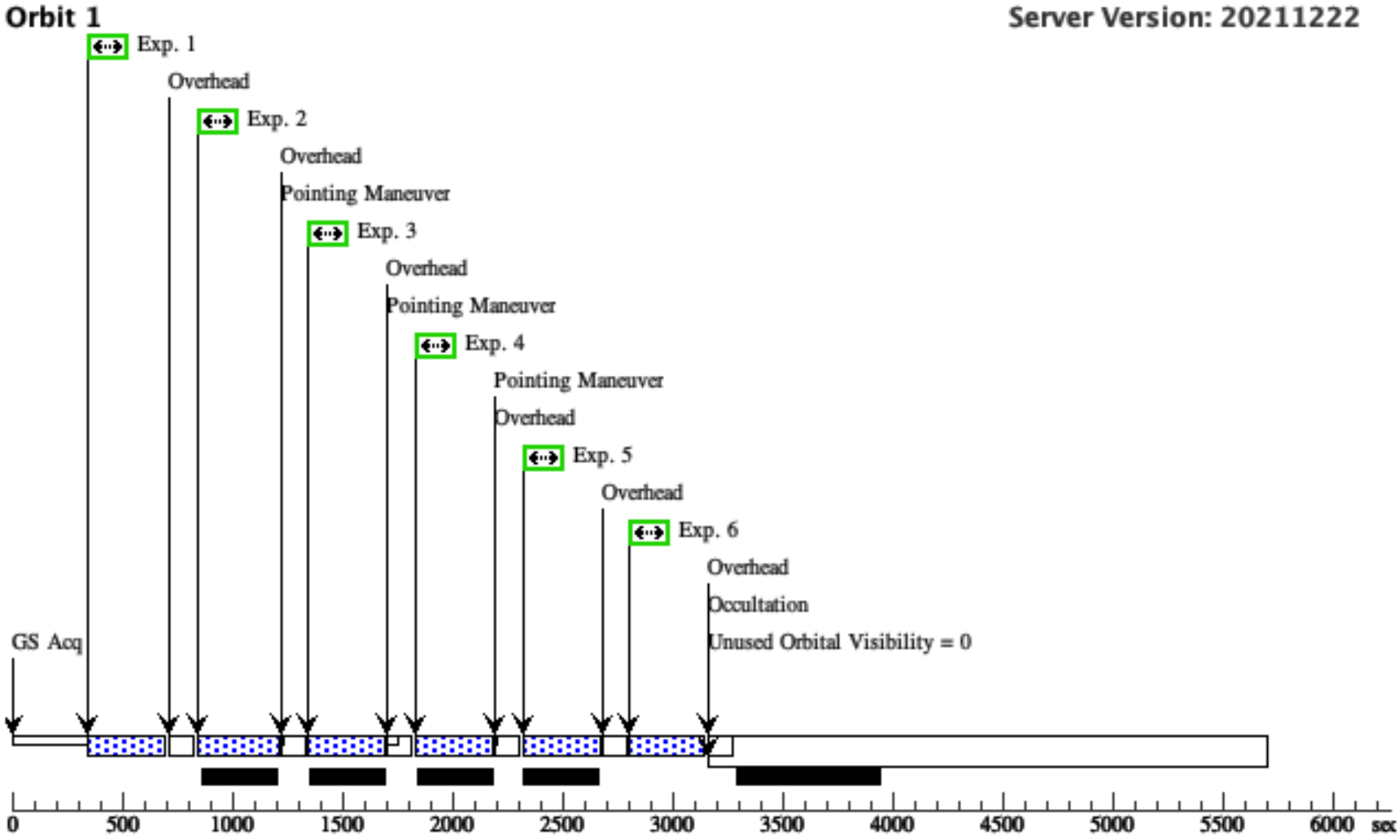
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	GOODS-S-UVCANDELS	RA: 03 32 43.0000 (53.1791667d) Dec: -27 54 16.00 (-27.90444d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments: We plan to utilize legacy data from UVCANDELS, so our target for SN discovery is the UVCANDELS field.
Category=EXT-STAR
Description=[SUPERNOVA]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(WFC3UVIS.im.1530125)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 0.0,5.6843418860808015E-14; GS ACQ SCENARIO BASE1B3		323 Secs (323 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
2	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.0,5.6843418860808015E-14		348 Secs (348 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
3	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.099,0.06600000000005685		348 Secs (348 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
4	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.891,2.3930000000000566		348 Secs (348 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
5	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.97,2.459000000000057		348 Secs (348 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
6	(WFC3UVIS.im.1529037)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 129.97,2.459000000000057		323 Secs (323 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									

Orbit Structure



Visit

Proposal 16706, Tile Tiles7-8_UVC1-4 (14), completed Fri Feb 25 18:02:19 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: ORIENT 26D TO 26 D

Comments: Epoch 1 pointing 4, produces mosaic tiles 7-8 covering UVCANDELS visits 1-4.

Fixed Targets

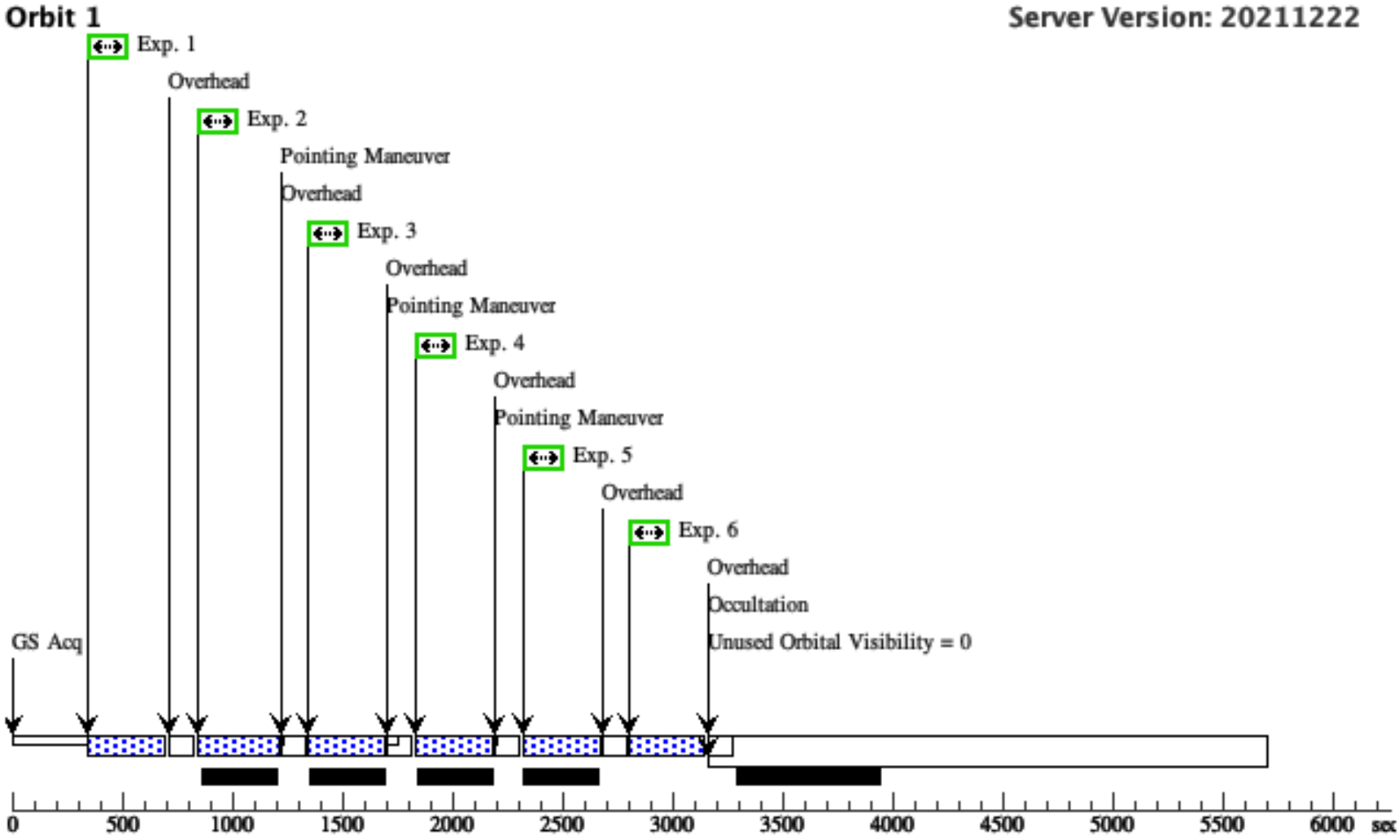
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	GOODS-S-UVCANDELS	RA: 03 32 43.0000 (53.1791667d) Dec: -27 54 16.00 (-27.90444d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments: We plan to utilize legacy data from UVCANDELS, so our target for SN discovery is the UVCANDELS field.
Category=EXT-STAR
Description=[SUPERNOVA]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(WFC3UVIS.im.1530125)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 0.0,162.22166398788926		323 Secs (323 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
2	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.0,162.22166398788926		348 Secs (348 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
3	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.099,162.28766398788926		348 Secs (348 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
4	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.891,164.6146639878892 6		348 Secs (348 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
5	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.97,164.68066398788926		348 Secs (348 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
6	(WFC3UVIS.im.1529037)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 129.97,164.68066398788926		323 Secs (323 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								

Orbit Structure



Visit

Proposal 16706, Tile Tiles9-10_UVC1-2 (15), completed Fri Feb 25 18:02:19 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: ORIENT 26D TO 27 D

Comments: Epoch 1 pointing 5, produces mosaic tiles 9-10 covering UVCANDELS visits 1-2.

Fixed Targets

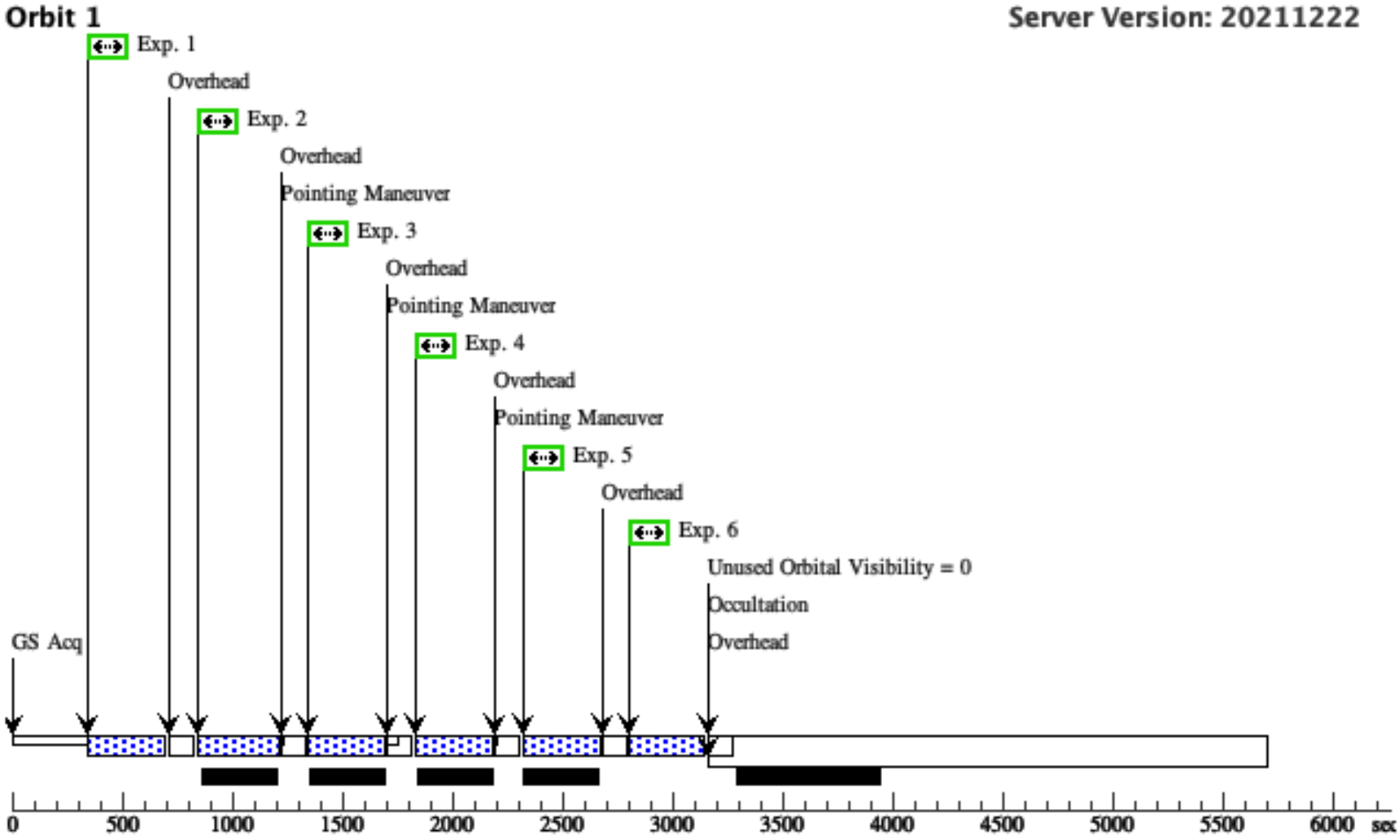
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	GOODS-S-UVCANDELS	RA: 03 32 43.0000 (53.1791667d) Dec: -27 54 16.00 (-27.90444d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments: We plan to utilize legacy data from UVCANDELS, so our target for SN discovery is the UVCANDELS field.
Category=EXT-STAR
Description=[SUPERNOVA]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(WFC3UVIS.im.1530125)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 0.0,324.44332797577846; GS ACQ SCENARIO BASE1B3		323 Secs (323 Secs) *[==>]*	***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
2	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.0,324.44332797577846		348 Secs (348 Secs) *[==>]*	***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
3	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.099,324.50932797577843		348 Secs (348 Secs) *[==>]*	***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
4	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.891,326.83632797577843		348 Secs (348 Secs) *[==>]*	***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
5	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.97,326.90232797577846		348 Secs (348 Secs) *[==>]*	***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
6	(WFC3UVIS.im.1529037)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 129.97,326.90232797577846		323 Secs (323 Secs) *[==>]*	***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								

Orbit Structure



Visit

Proposal 16706, Tile Tiles1-2_UVC7-8 (21), completed Fri Feb 25 18:02:19 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: ORIENT 26D TO 26 D; AFTER 15 BY 1.5 D TO 2.5 D; GROUP 21,22,23,24,25 WITHIN 5 Orbits

Comments: Epoch 2 pointing 1, produces mosaic tiles 1-2 covering UVCANDELS visits 7-8.

Fixed Targets

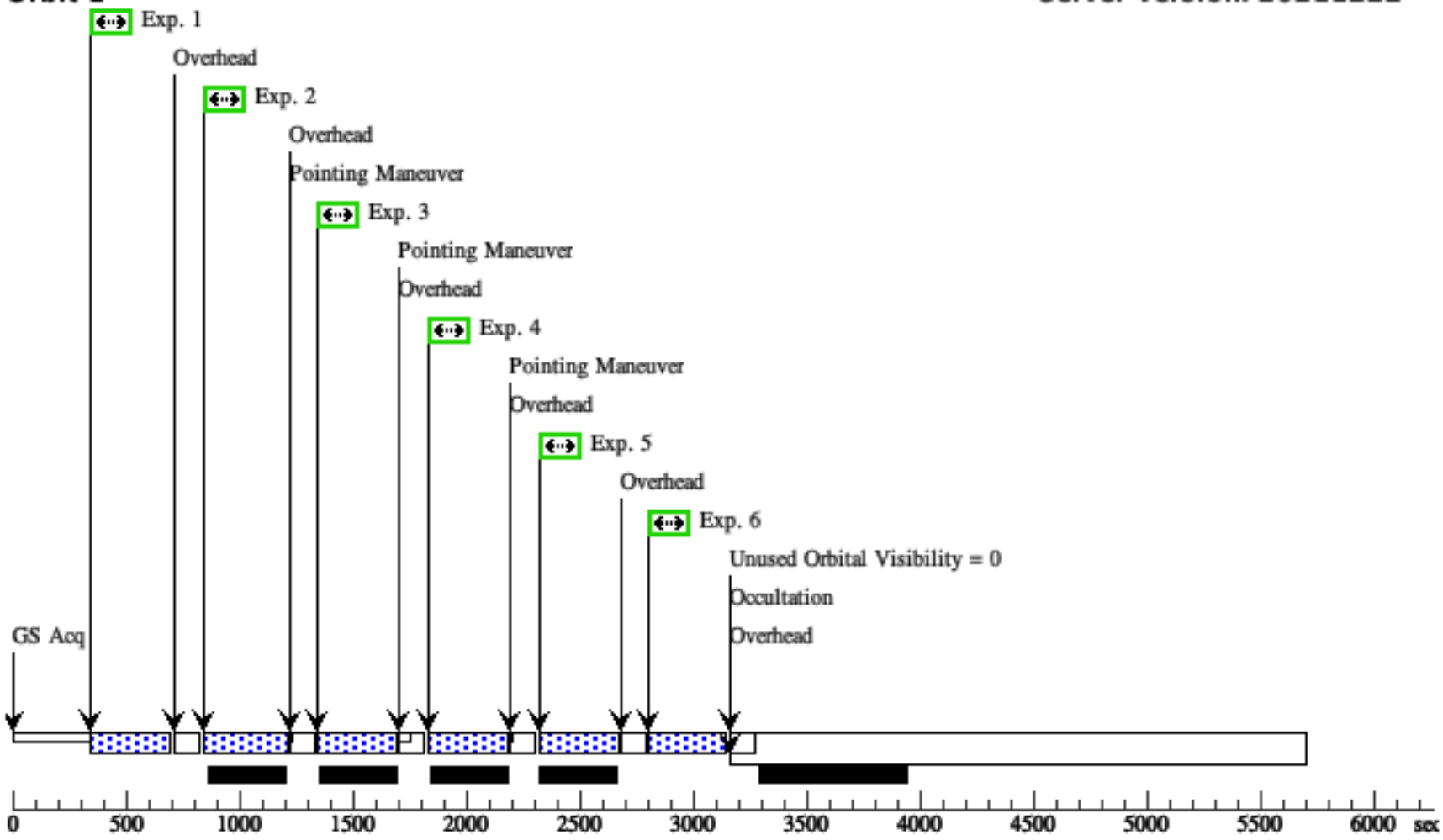
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	GOODS-S-UVCANDELS	RA: 03 32 43.0000 (53.1791667d) Dec: -27 54 16.00 (-27.90444d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments: We plan to utilize legacy data from UVCANDELS, so our target for SN discovery is the UVCANDELS field.
Category=EXT-STAR
Description=[SUPERNOVA]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(WFC3UVIS.im.1530125)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 0.0,-324.44332797577835; GS ACQ SCENARIO BASE1B3		323 Secs (323 Secs) *[==>]*	*[1]*
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
2	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.0,-324.44332797577835		348 Secs (348 Secs) *[==>]*	*[1]*
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
3	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.099,-324.37732797577837		348 Secs (348 Secs) *[==>]*	*[1]*
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
4	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.891,-322.0503279757784		348 Secs (348 Secs) *[==>]*	*[1]*
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
5	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.97,-321.98432797577834		348 Secs (348 Secs) *[==>]*	*[1]*
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
6	(WFC3UVIS.im.1529037)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 129.97,-321.98432797577834		323 Secs (323 Secs) *[==>]*	*[1]*
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									

Orbit Structure



Visit

Proposal 16706, Tile Tiles3-4_UVC5-8 (22), completed Fri Feb 25 18:02:19 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: ORIENT 25D TO 25 D

Comments: Epoch 2 pointing 2, produces mosaic tiles 3-4 covering UVCANDELS visits 5-8.

Fixed Targets

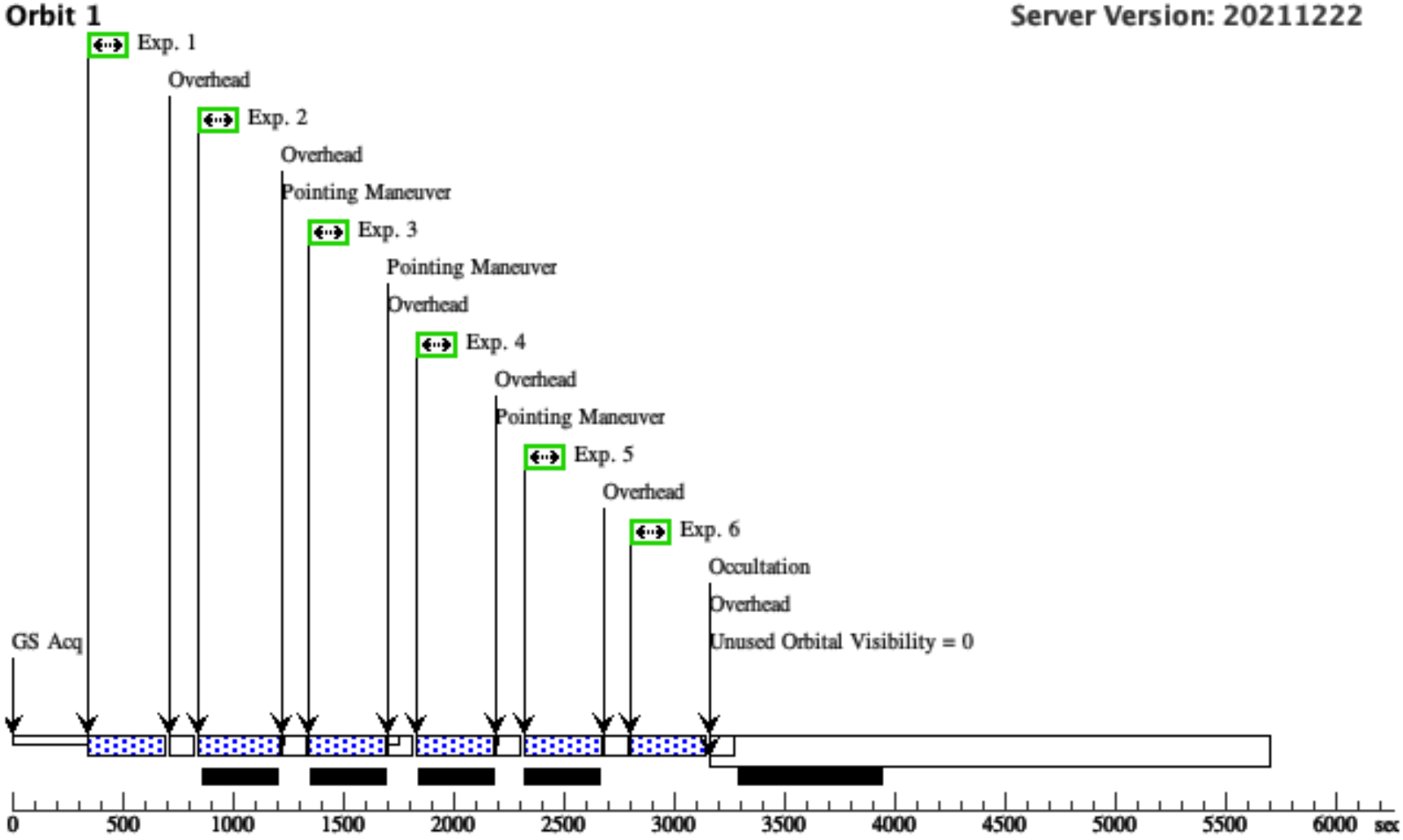
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	GOODS-S-UVCANDELS	RA: 03 32 43.0000 (53.1791667d) Dec: -27 54 16.00 (-27.90444d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments: We plan to utilize legacy data from UVCANDELS, so our target for SN discovery is the UVCANDELS field.
Category=EXT-STAR
Description=[SUPERNOVA]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(WFC3UVIS.im.1530125)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 0.0,-162.22166398788914		323 Secs (323 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
2	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.0,-162.22166398788914		348 Secs (348 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
3	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.099,-162.15566398788914		348 Secs (348 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
4	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.891,-159.82866398788914		348 Secs (348 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
5	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.97,-159.76266398788914		348 Secs (348 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
6	(WFC3UVIS.im.1529037)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 129.97,-159.76266398788914		323 Secs (323 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								

Orbit Structure



Visit

Proposal 16706, Tile Tiles5-6_UVC3-6 (23), completed Fri Feb 25 18:02:19 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: ORIENT 18D TO 18 D

Comments: Epoch 2 pointing 3, produces mosaic tiles 5-6 covering UVCANDELS visits 3-6.

Fixed Targets

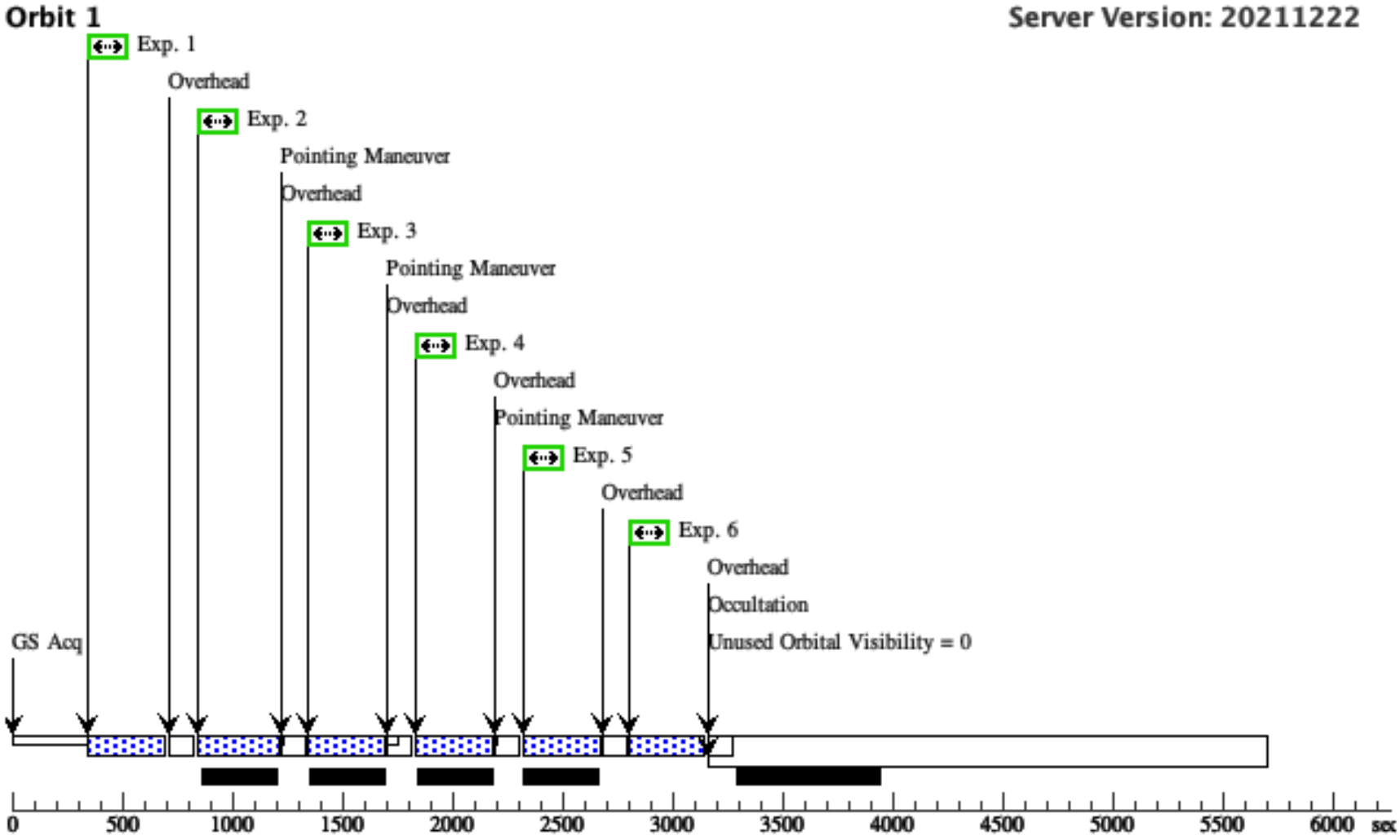
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	GOODS-S-UVCANDELS	RA: 03 32 43.0000 (53.1791667d) Dec: -27 54 16.00 (-27.90444d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments: We plan to utilize legacy data from UVCANDELS, so our target for SN discovery is the UVCANDELS field.
Category=EXT-STAR
Description=[SUPERNOVA]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(WFC3UVIS.im.1530125)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 0.0,5.6843418860808015E-14; GS ACQ SCENARIO BASE1B3		323 Secs (323 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
2	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.0,5.6843418860808015E-14		348 Secs (348 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
3	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.099,0.06600000000005685		348 Secs (348 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
4	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.891,2.3930000000000566		348 Secs (348 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
5	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.97,2.459000000000057		348 Secs (348 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
6	(WFC3UVIS.im.1529037)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 129.97,2.459000000000057		323 Secs (323 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									

Orbit Structure



Visit

Proposal 16706, Tile Tiles7-8_UVC1-4 (24), completed Fri Feb 25 18:02:19 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: ORIENT 26D TO 26 D

Comments: Epoch 2 pointing 4, produces mosaic tiles 7-8 covering UVCANDELS visits 1-4.

Fixed Targets

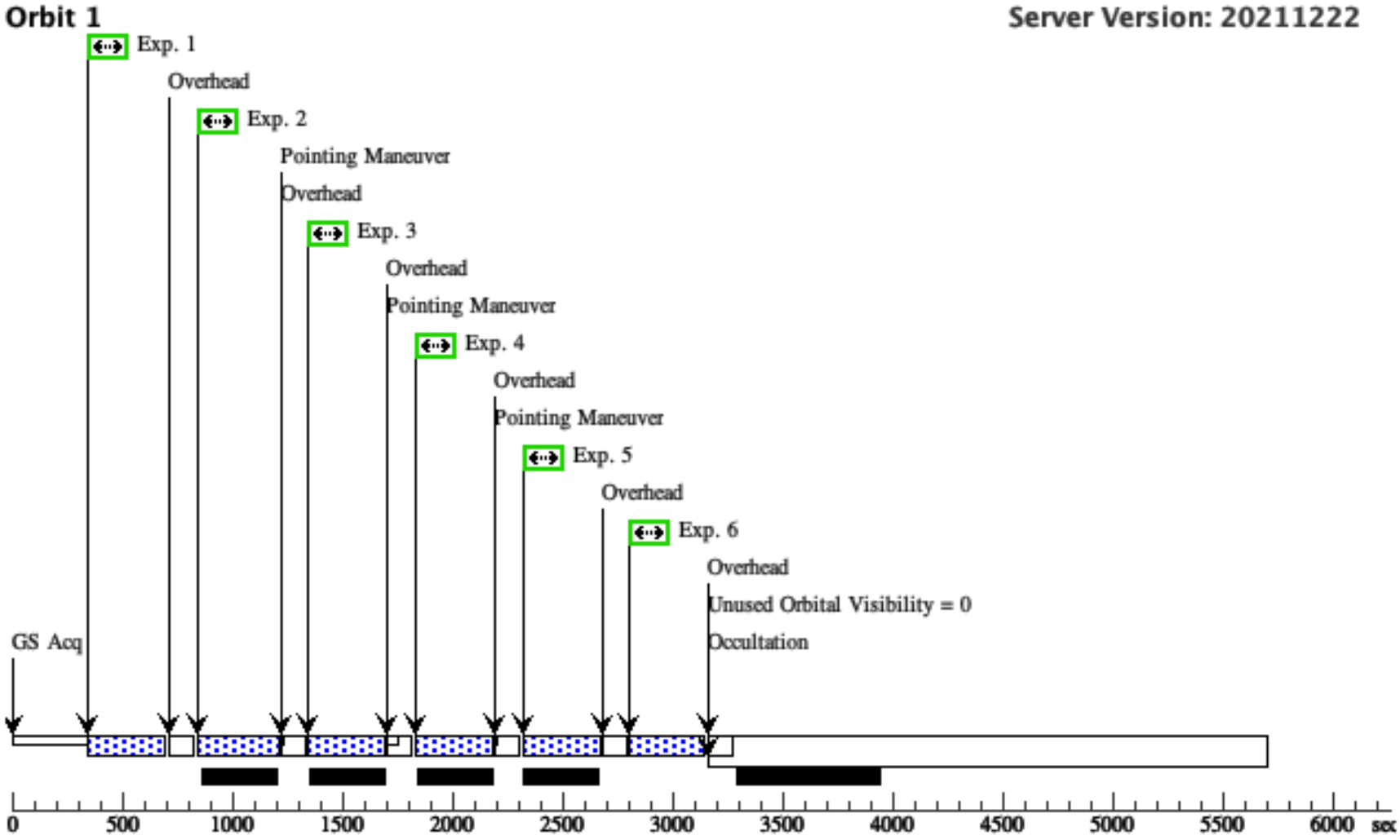
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	GOODS-S-UVCANDELS	RA: 03 32 43.0000 (53.1791667d) Dec: -27 54 16.00 (-27.90444d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments: We plan to utilize legacy data from UVCANDELS, so our target for SN discovery is the UVCANDELS field.
Category=EXT-STAR
Description=[SUPERNOVA]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(WFC3UVIS.im.1530125)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 0.0,162.22166398788926		323 Secs (323 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
2	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.0,162.22166398788926		348 Secs (348 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
3	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.099,162.28766398788926		348 Secs (348 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
4	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.891,164.61466398788926		348 Secs (348 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
5	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.97,164.68066398788926		348 Secs (348 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
6	(WFC3UVIS.im.1529037)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 129.97,164.68066398788926		323 Secs (323 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								

Orbit Structure



Visit

Proposal 16706, Tile Tiles9-10_UVC1-2 (25), completed Fri Feb 25 18:02:19 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: ORIENT 27D TO 27 D

Comments: Epoch 2 pointing 5, produces mosaic tiles 9-10 covering UVCANDELS visits 1-2.

Fixed Targets

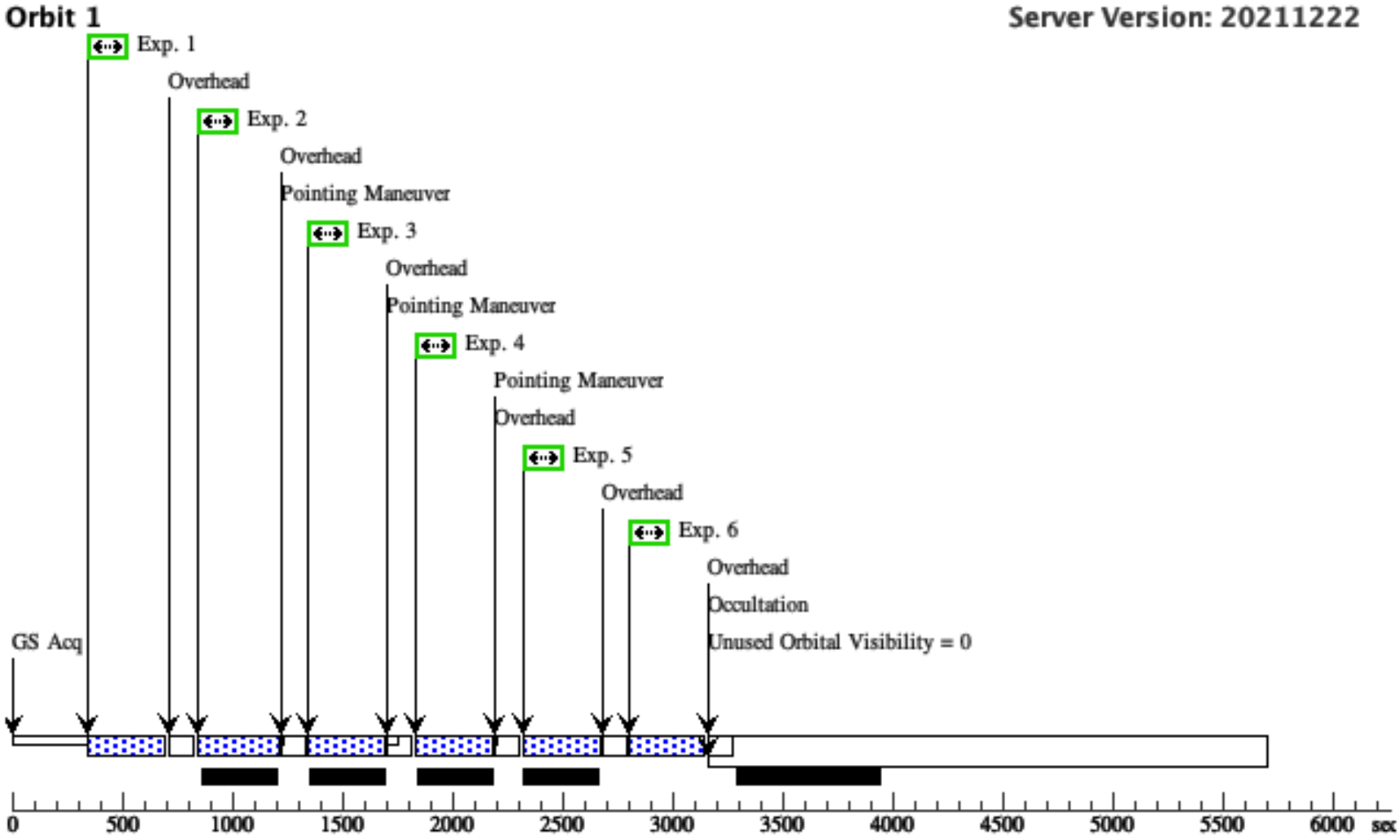
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	GOODS-S-UVCANDELS	RA: 03 32 43.0000 (53.1791667d) Dec: -27 54 16.00 (-27.90444d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments: We plan to utilize legacy data from UVCANDELS, so our target for SN discovery is the UVCANDELS field.
Category=EXT-STAR
Description=[SUPERNOVA]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(WFC3UVIS.im.1530125)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 0.0,324.44332797577846; GS ACQ SCENARIO BASE1B3		323 Secs (323 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
2	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.0,324.44332797577846		348 Secs (348 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
3	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.099,324.50932797577843		348 Secs (348 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
4	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.891,326.83632797577843		348 Secs (348 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
5	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.97,326.90232797577846		348 Secs (348 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
6	(WFC3UVIS.im.1529037)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 129.97,326.90232797577846		323 Secs (323 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								

Orbit Structure



Visit

Proposal 16706, Tile Tiles1-2_UVC7-8 (31), completed Fri Feb 25 18:02:19 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: ORIENT 26D TO 26 D; AFTER 25 BY 1.5 D TO 2.5 D; GROUP 31,32,33,34,35 WITHIN 5 Orbits

Comments: Epoch 3 pointing 1, produces mosaic tiles 1-2 covering UVCANDELS visits 7-8.

Fixed Targets

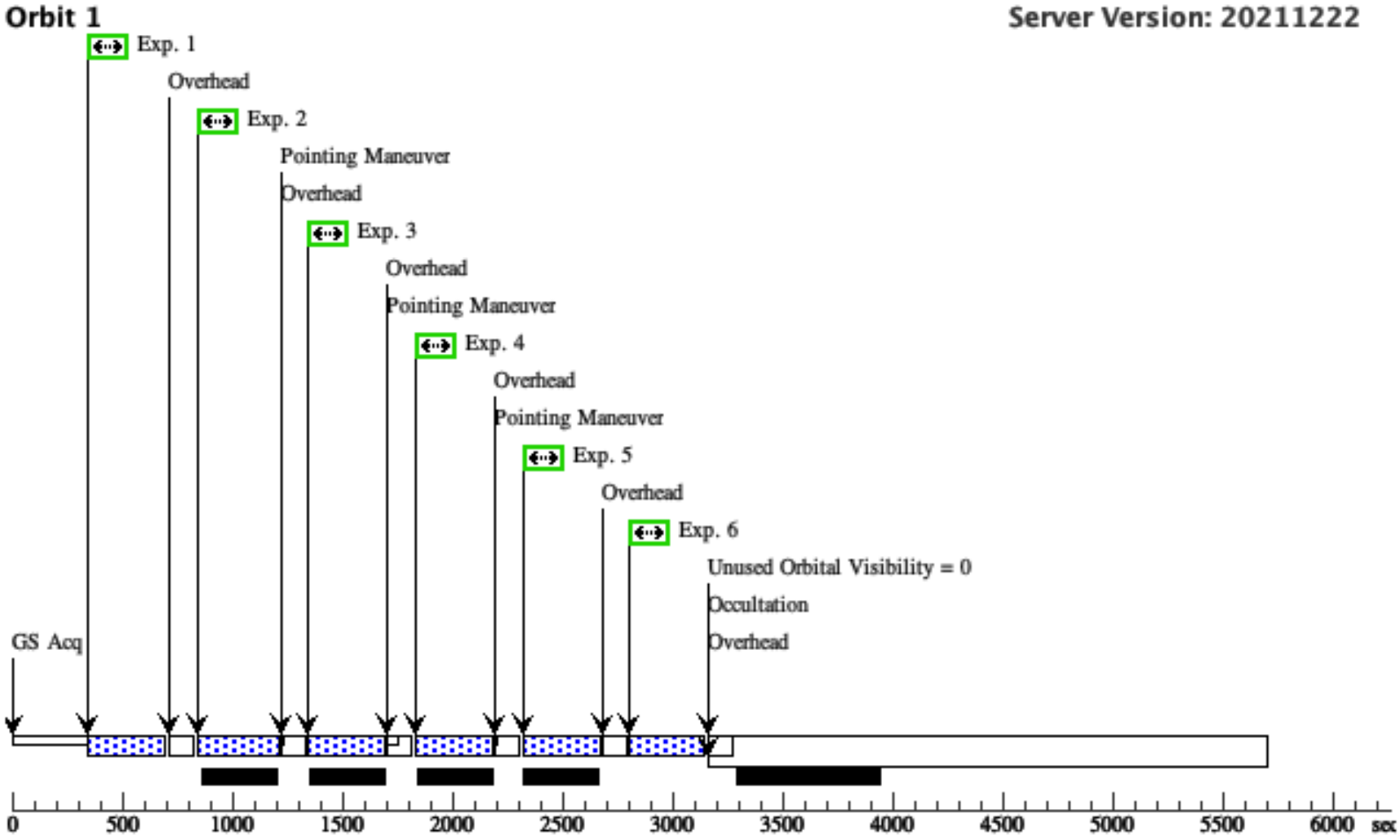
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	GOODS-S-UVCANDELS	RA: 03 32 43.0000 (53.1791667d) Dec: -27 54 16.00 (-27.90444d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments: We plan to utilize legacy data from UVCANDELS, so our target for SN discovery is the UVCANDELS field.
Category=EXT-STAR
Description=[SUPERNOVA]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(WFC3UVIS.im.1530125)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 0.0,-324.44332797577835; GS ACQ SCENARIO BASE1B3		323 Secs (323 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
2	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.0,-324.44332797577835		348 Secs (348 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
3	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.099,-324.37732797577837		348 Secs (348 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
4	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.891,-322.0503279757784		348 Secs (348 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
5	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.97,-321.98432797577834		348 Secs (348 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
6	(WFC3UVIS.im.1529037)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 129.97,-321.98432797577834		323 Secs (323 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								

Orbit Structure



Visit

Proposal 16706, Tile Tiles3-4_UVC5-8 (32), completed Fri Feb 25 18:02:20 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: ORIENT 25D TO 25 D

Comments: Epoch 3 pointing 2, produces mosaic tiles 3-4 covering UVCANDELS visits 5-8.

Fixed Targets

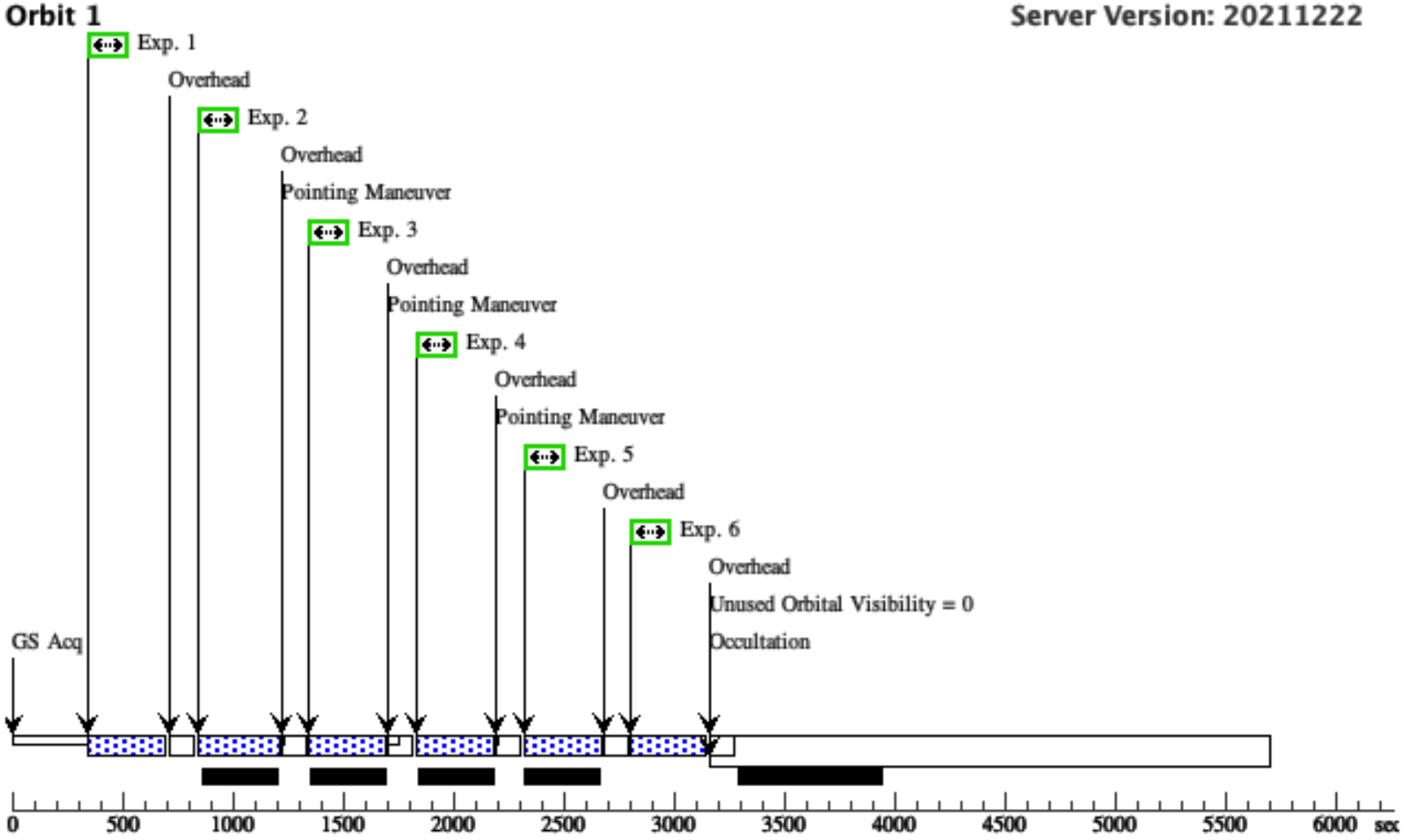
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	GOODS-S-UVCANDELS	RA: 03 32 43.0000 (53.1791667d) Dec: -27 54 16.00 (-27.90444d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments: We plan to utilize legacy data from UVCANDELS, so our target for SN discovery is the UVCANDELS field.
Category=EXT-STAR
Description=[SUPERNOVA]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(WFC3UVIS.im.1530125)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 0.0,-162.22166398788914		323 Secs (323 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
2	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.0,-162.22166398788914		348 Secs (348 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
3	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.099,-162.15566398788914		348 Secs (348 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
4	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.891,-159.82866398788914		348 Secs (348 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
5	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.97,-159.76266398788914		348 Secs (348 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
6	(WFC3UVIS.im.1529037)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 129.97,-159.76266398788914		323 Secs (323 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								

Orbit Structure



Visit

Proposal 16706, Tile Tiles5-6_UVC3-6 (33), completed Fri Feb 25 18:02:20 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: ORIENT 18D TO 18 D

Comments: Epoch 3 pointing 3, produces mosaic tiles 5-6 covering UVCANDELS visits 3-6.

Fixed Targets

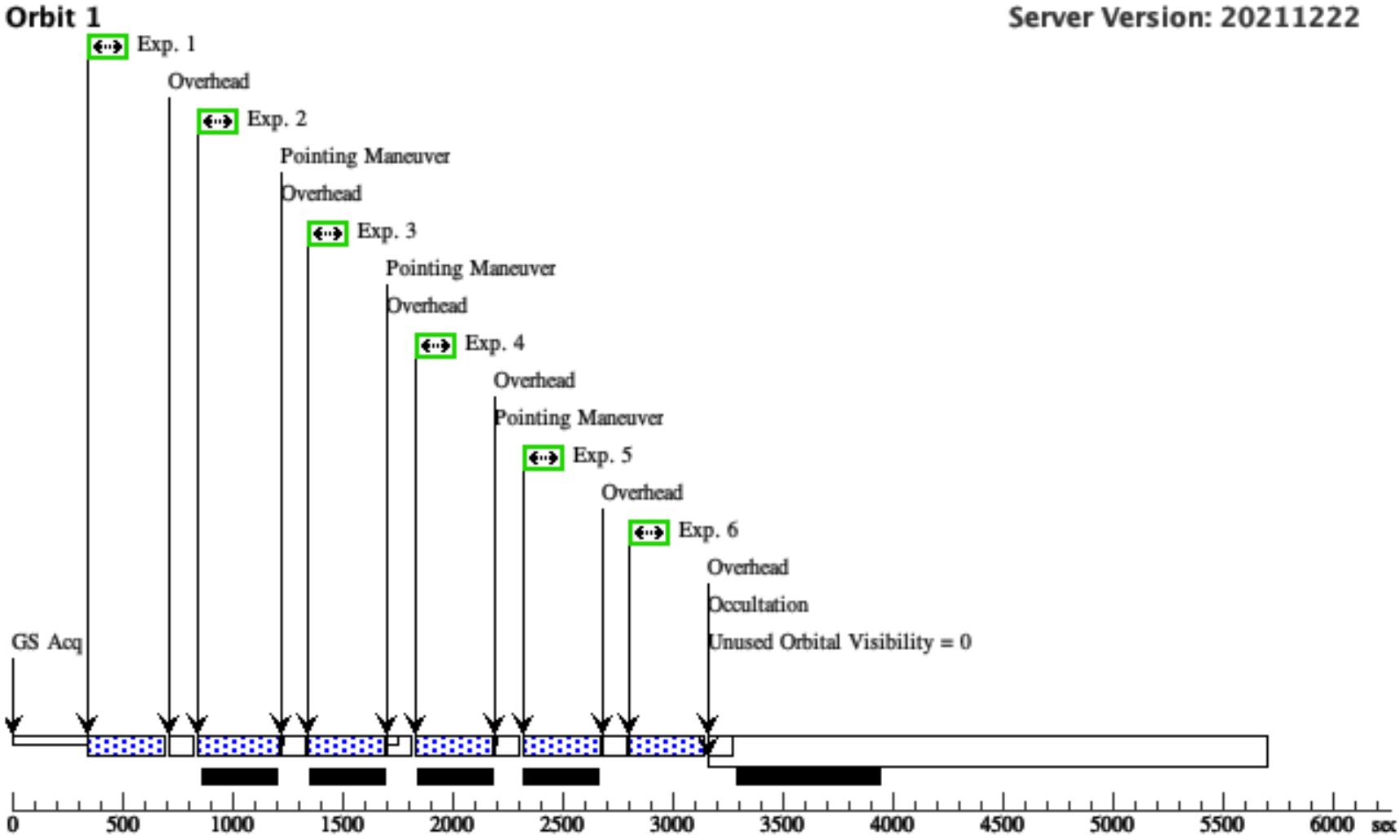
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	GOODS-S-UVCANDELS	RA: 03 32 43.0000 (53.1791667d) Dec: -27 54 16.00 (-27.90444d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments: We plan to utilize legacy data from UVCANDELS, so our target for SN discovery is the UVCANDELS field.
Category=EXT-STAR
Description=[SUPERNOVA]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(WFC3UVIS.im.1530125)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 0.0,5.6843418860808015E-14; GS ACQ SCENARIO BASE1B3		323 Secs (323 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
2	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.0,5.6843418860808015E-14		348 Secs (348 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
3	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.099,0.06600000000005685		348 Secs (348 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
4	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.891,2.3930000000000566		348 Secs (348 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
5	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.97,2.459000000000057		348 Secs (348 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
6	(WFC3UVIS.im.1529037)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 129.97,2.459000000000057		323 Secs (323 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									

Orbit Structure



Visit

Proposal 16706, Tile Tiles7-8_UVC1-4 (34), completed Fri Feb 25 18:02:20 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: ORIENT 26D TO 26 D

Comments: Epoch 3 pointing 4, produces mosaic tiles 7-8 covering UVCANDELS visits 1-4.

Fixed Targets

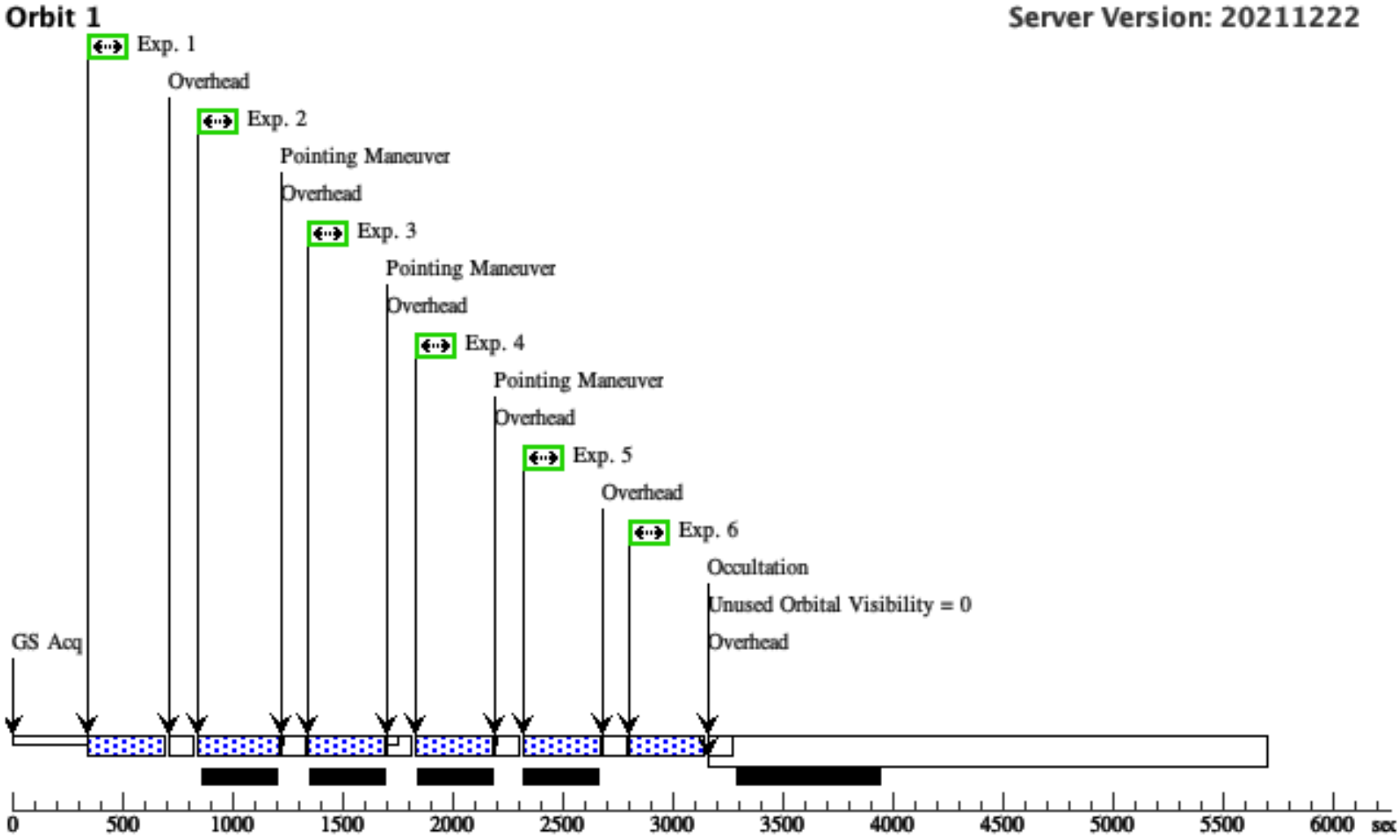
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	GOODS-S-UVCANDELS	RA: 03 32 43.0000 (53.1791667d) Dec: -27 54 16.00 (-27.90444d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments: We plan to utilize legacy data from UVCANDELS, so our target for SN discovery is the UVCANDELS field.
Category=EXT-STAR
Description=[SUPERNOVA]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(WFC3UVIS.im.1530125)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 0.0,162.22166398788926		323 Secs (323 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
2	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.0,162.22166398788926		348 Secs (348 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
3	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.099,162.28766398788926		348 Secs (348 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
4	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.891,164.6146639878892 6		348 Secs (348 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
5	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.97,164.68066398788926		348 Secs (348 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
6	(WFC3UVIS.im.1529037)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 129.97,164.68066398788926		323 Secs (323 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								

Orbit Structure



Visit

Proposal 16706, Tile Tiles9-10_UVC1-2 (35), completed Fri Feb 25 18:02:20 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: ORIENT 27D TO 27 D

Comments: Epoch 3 pointing 5, produces mosaic tiles 9-10 covering UVCANDELS visits 1-2.

Fixed Targets

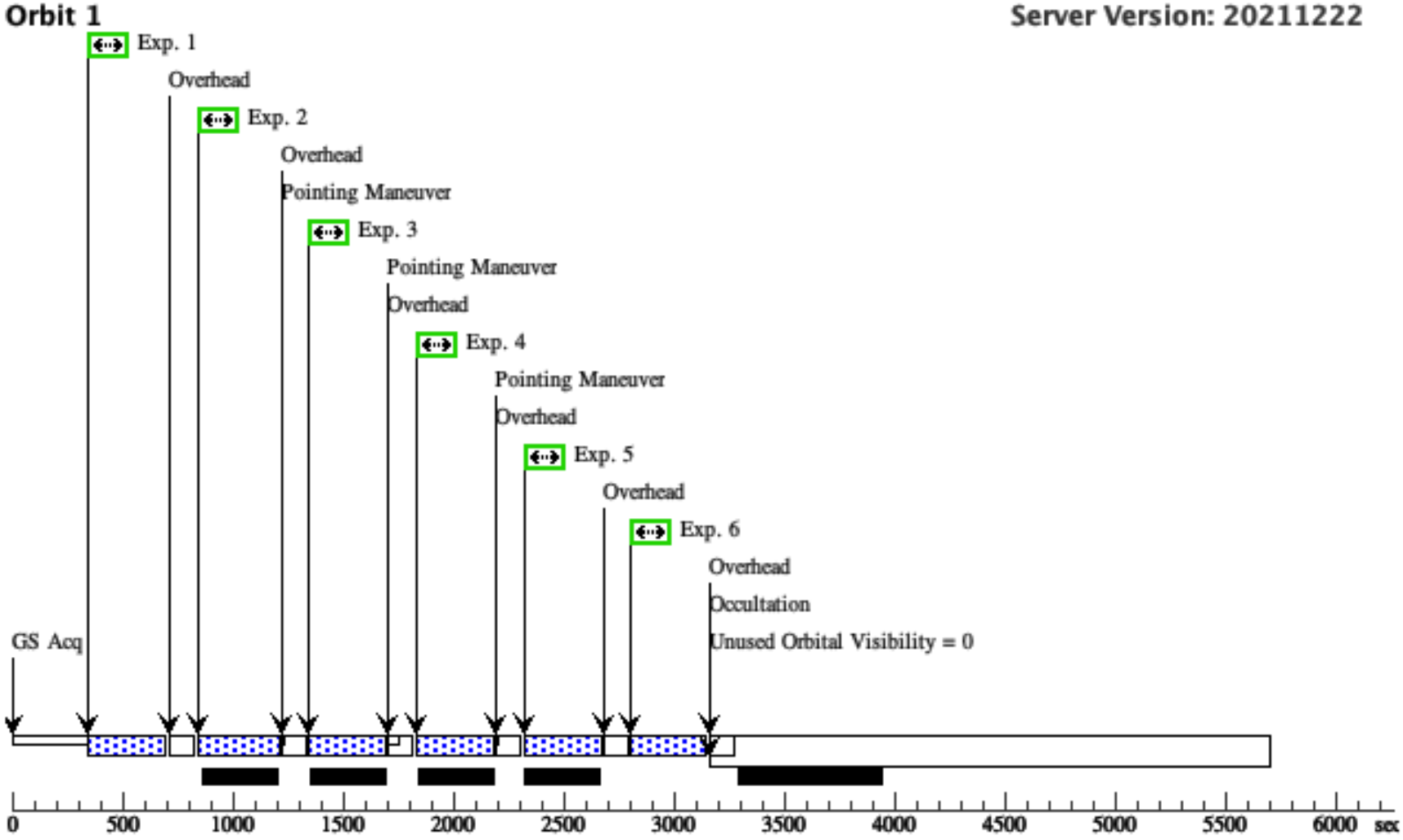
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	GOODS-S-UVCANDELS	RA: 03 32 43.0000 (53.1791667d) Dec: -27 54 16.00 (-27.90444d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments: We plan to utilize legacy data from UVCANDELS, so our target for SN discovery is the UVCANDELS field.
Category=EXT-STAR
Description=[SUPERNOVA]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(WFC3UVIS.im.1530125)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 0.0,324.44332797577846; GS ACQ SCENARIO BASE1B3		323 Secs (323 Secs) *[==>]*	***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
2	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.0,324.44332797577846		348 Secs (348 Secs) *[==>]*	***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
3	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.099,324.50932797577843		348 Secs (348 Secs) *[==>]*	***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
4	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.891,326.83632797577843		348 Secs (348 Secs) *[==>]*	***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
5	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.97,326.90232797577846		348 Secs (348 Secs) *[==>]*	***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
6	(WFC3UVIS.im.1529037)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 129.97,326.90232797577846		323 Secs (323 Secs) *[==>]*	***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								

Orbit Structure



Visit

Proposal 16706, Tile Tiles1-2_UVC7-8 (41), completed Fri Feb 25 18:02:20 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: ORIENT 26D TO 26 D; AFTER 35 BY 1.5 D TO 2.5 D; GROUP 41,42,43,44,45 WITHIN 5 Orbits

Comments: Epoch 4 pointing 1, produces mosaic tiles 1-2 covering UVCANDELS visits 7-8.

Fixed Targets

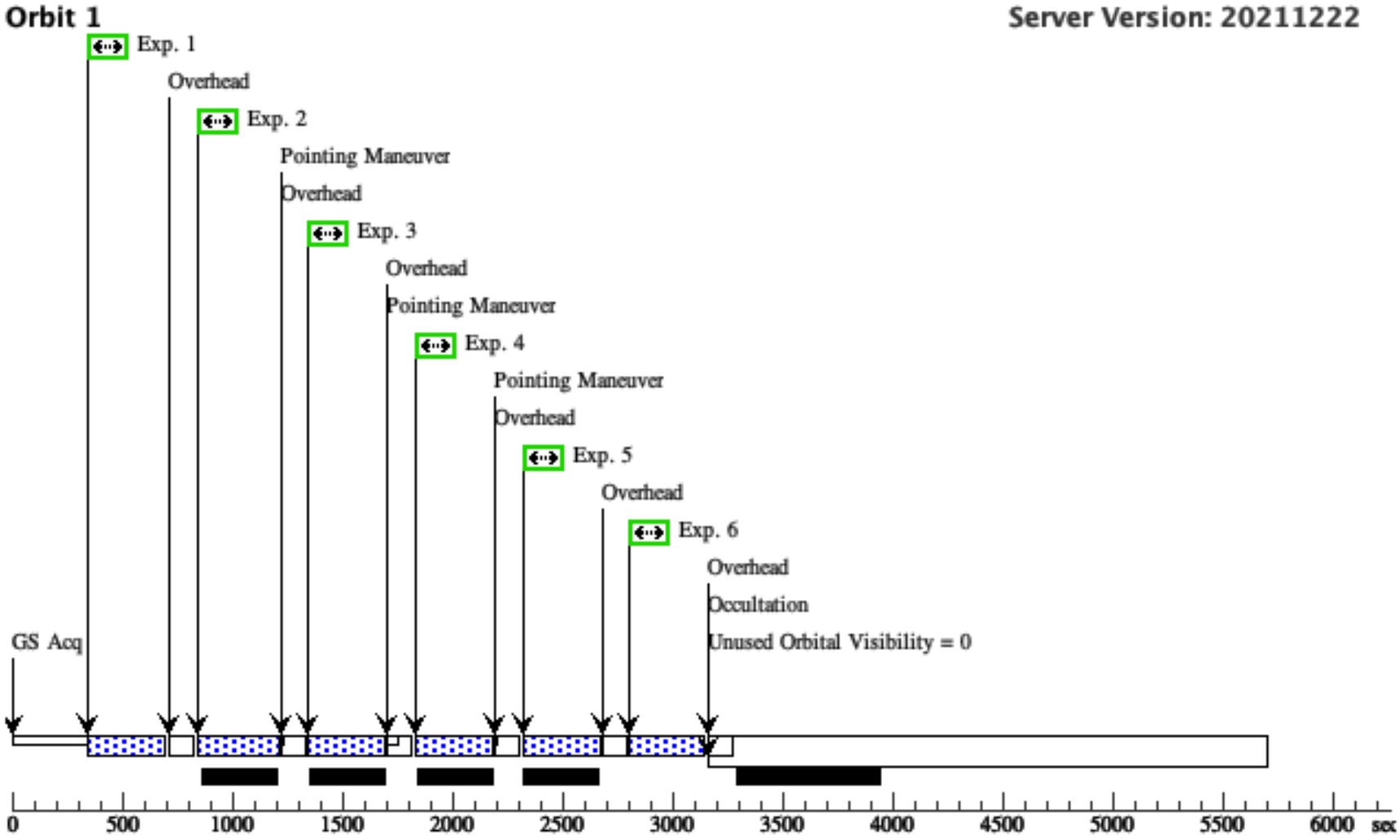
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	GOODS-S-UVCANDELS	RA: 03 32 43.0000 (53.1791667d) Dec: -27 54 16.00 (-27.90444d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments: We plan to utilize legacy data from UVCANDELS, so our target for SN discovery is the UVCANDELS field.
Category=EXT-STAR
Description=[SUPERNOVA]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(WFC3UVIS.im.1530125)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 0.0,-324.44332797577835; GS ACQ SCENARIO BASE1B3		323 Secs (323 Secs) *[==>]*	*[1]*
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
2	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.0,-324.44332797577835		348 Secs (348 Secs) *[==>]*	*[1]*
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
3	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.099,-324.37732797577837		348 Secs (348 Secs) *[==>]*	*[1]*
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
4	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.891,-322.0503279757784		348 Secs (348 Secs) *[==>]*	*[1]*
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
5	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.97,-321.98432797577834		348 Secs (348 Secs) *[==>]*	*[1]*
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
6	(WFC3UVIS.im.1529037)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 129.97,-321.98432797577834		323 Secs (323 Secs) *[==>]*	*[1]*
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									

Orbit Structure



Visit

Proposal 16706, Tile Tiles3-4_UVC5-8 (42), completed Fri Feb 25 18:02:20 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: ORIENT 25D TO 25 D

Comments: Epoch 4 pointing 2, produces mosaic tiles 3-4 covering UVCANDELS visits 5-8.

Fixed Targets

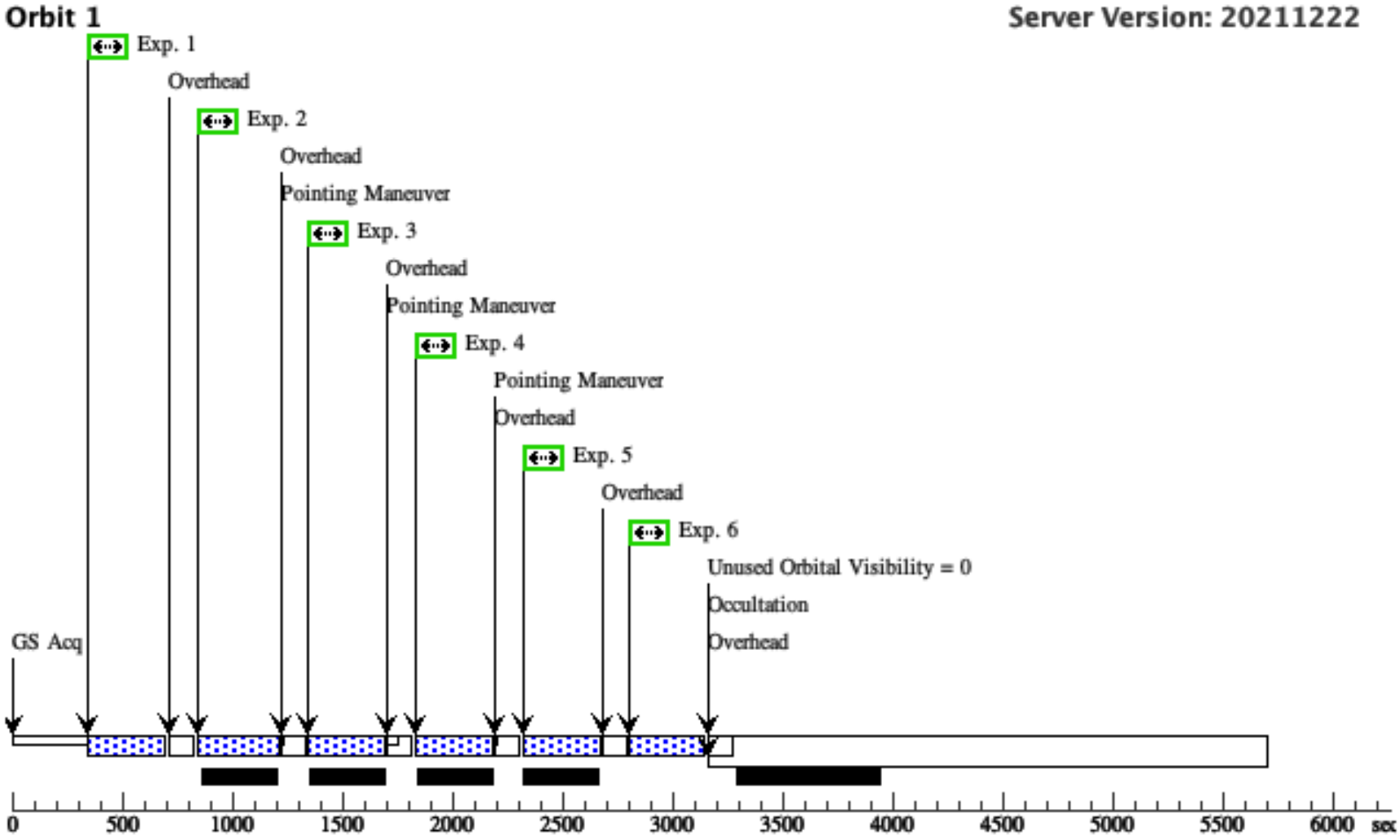
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	GOODS-S-UVCANDELS	RA: 03 32 43.0000 (53.1791667d) Dec: -27 54 16.00 (-27.90444d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments: We plan to utilize legacy data from UVCANDELS, so our target for SN discovery is the UVCANDELS field.
Category=EXT-STAR
Description=[SUPERNOVA]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(WFC3UVIS.im.1530125)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 0.0,-162.22166398788914		323 Secs (323 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
2	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.0,-162.22166398788914		348 Secs (348 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
3	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.099,-162.15566398788914		348 Secs (348 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
4	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.891,-159.82866398788914		348 Secs (348 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
5	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.97,-159.76266398788914		348 Secs (348 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
6	(WFC3UVIS.im.1529037)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 129.97,-159.76266398788914		323 Secs (323 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								

Orbit Structure



Visit

Proposal 16706, Tile Tiles5-6_UVC3-6 (43), completed Fri Feb 25 18:02:20 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: ORIENT 18D TO 18 D

Comments: Epoch 4 pointing 3, produces mosaic tiles 5-6 covering UVCANDELS visits 3-6.

Fixed Targets

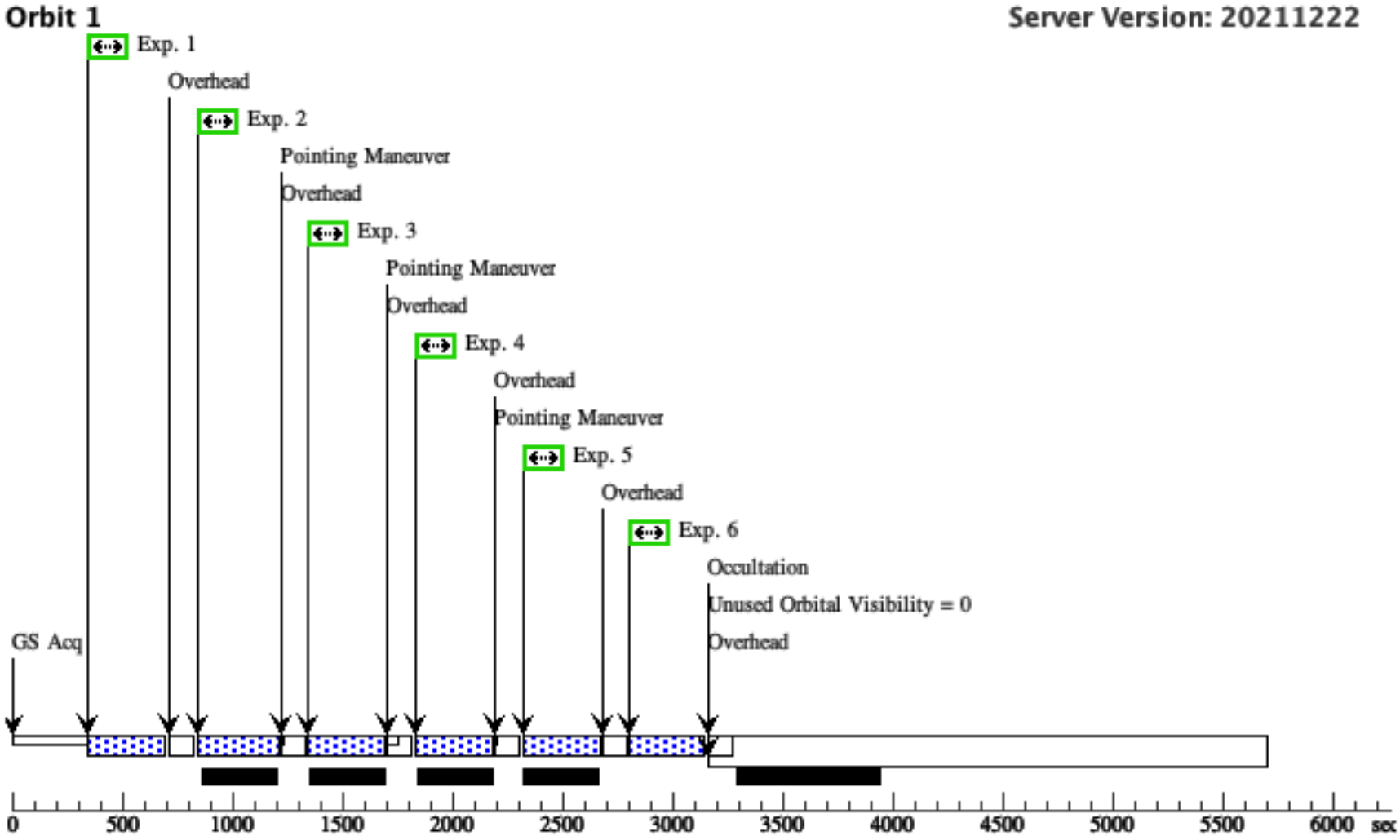
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	GOODS-S-UVCANDELS	RA: 03 32 43.0000 (53.1791667d) Dec: -27 54 16.00 (-27.90444d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments: We plan to utilize legacy data from UVCANDELS, so our target for SN discovery is the UVCANDELS field.
Category=EXT-STAR
Description=[SUPERNOVA]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(WFC3UVIS.im.1530125)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 0.0,5.6843418860808015E-14; GS ACQ SCENARIO BASE1B3		323 Secs (323 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
2	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.0,5.6843418860808015E-14		348 Secs (348 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
3	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.099,0.06600000000005685		348 Secs (348 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
4	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.891,2.3930000000000566		348 Secs (348 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
5	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.97,2.459000000000057		348 Secs (348 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
6	(WFC3UVIS.im.1529037)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 129.97,2.459000000000057		323 Secs (323 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									

Orbit Structure



Visit

Proposal 16706, Tile Tiles7-8_UVC1-4 (44), completed Fri Feb 25 18:02:20 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: ORIENT 26D TO 26 D

Comments: Epoch 4 pointing 4, produces mosaic tiles 7-8 covering UVCANDELS visits 1-4.

Fixed Targets

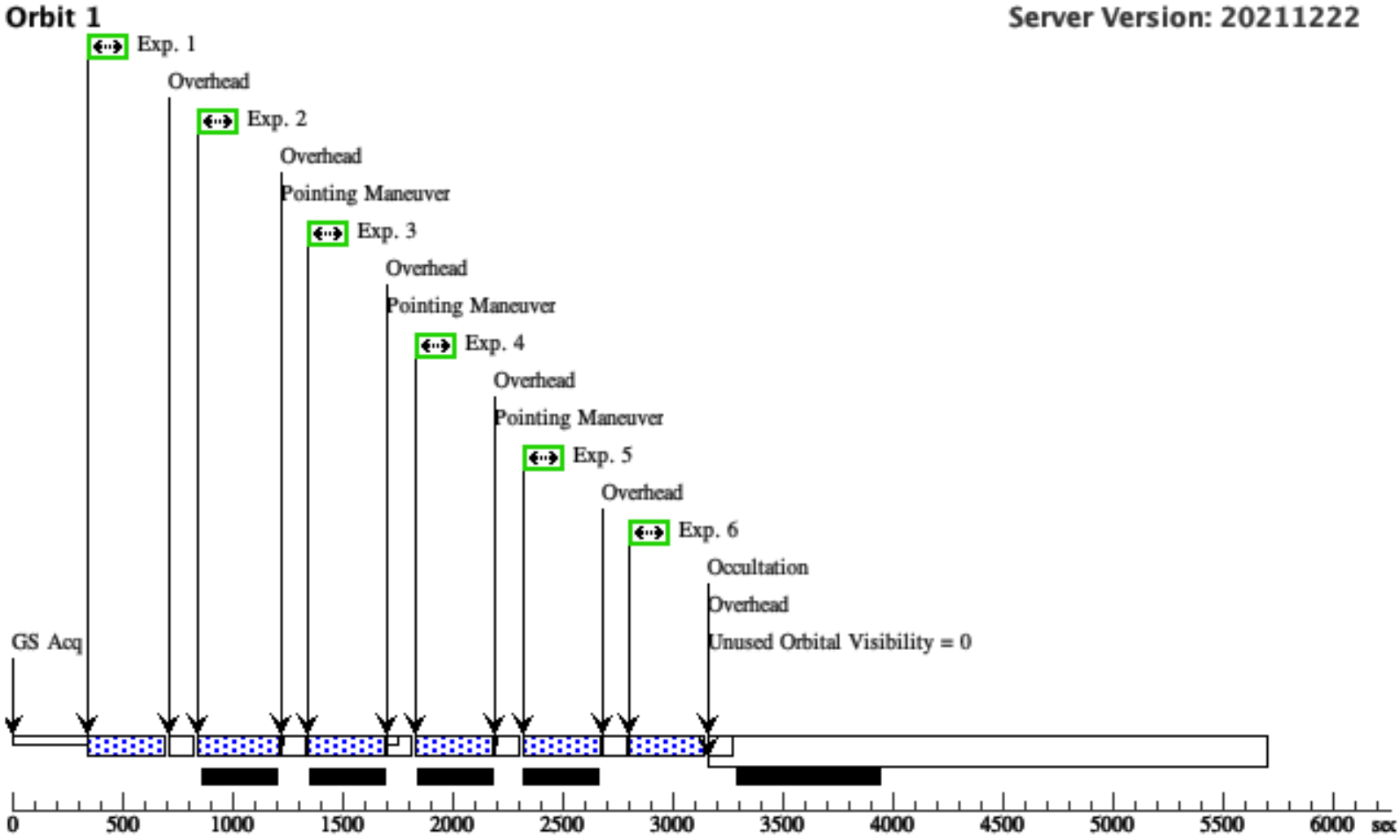
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	GOODS-S-UVCANDELS	RA: 03 32 43.0000 (53.1791667d) Dec: -27 54 16.00 (-27.90444d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments: We plan to utilize legacy data from UVCANDELS, so our target for SN discovery is the UVCANDELS field.
Category=EXT-STAR
Description=[SUPERNOVA]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(WFC3UVIS.im.1530125)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 0.0,162.22166398788926		323 Secs (323 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
2	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.0,162.22166398788926		348 Secs (348 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
3	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.099,162.28766398788926		348 Secs (348 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
4	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.891,164.6146639878892 6		348 Secs (348 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
5	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.97,164.68066398788926		348 Secs (348 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
6	(WFC3UVIS.im.1529037)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 129.97,164.68066398788926		323 Secs (323 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								

Orbit Structure



Visit

Proposal 16706, Tile Tiles9-10_UVC1-2 (45), completed Fri Feb 25 18:02:20 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: ORIENT 27D TO 27 D

Comments: Epoch 4 pointing 5, produces mosaic tiles 9-10 covering UVCANDELS visits 1-2.

Fixed Targets

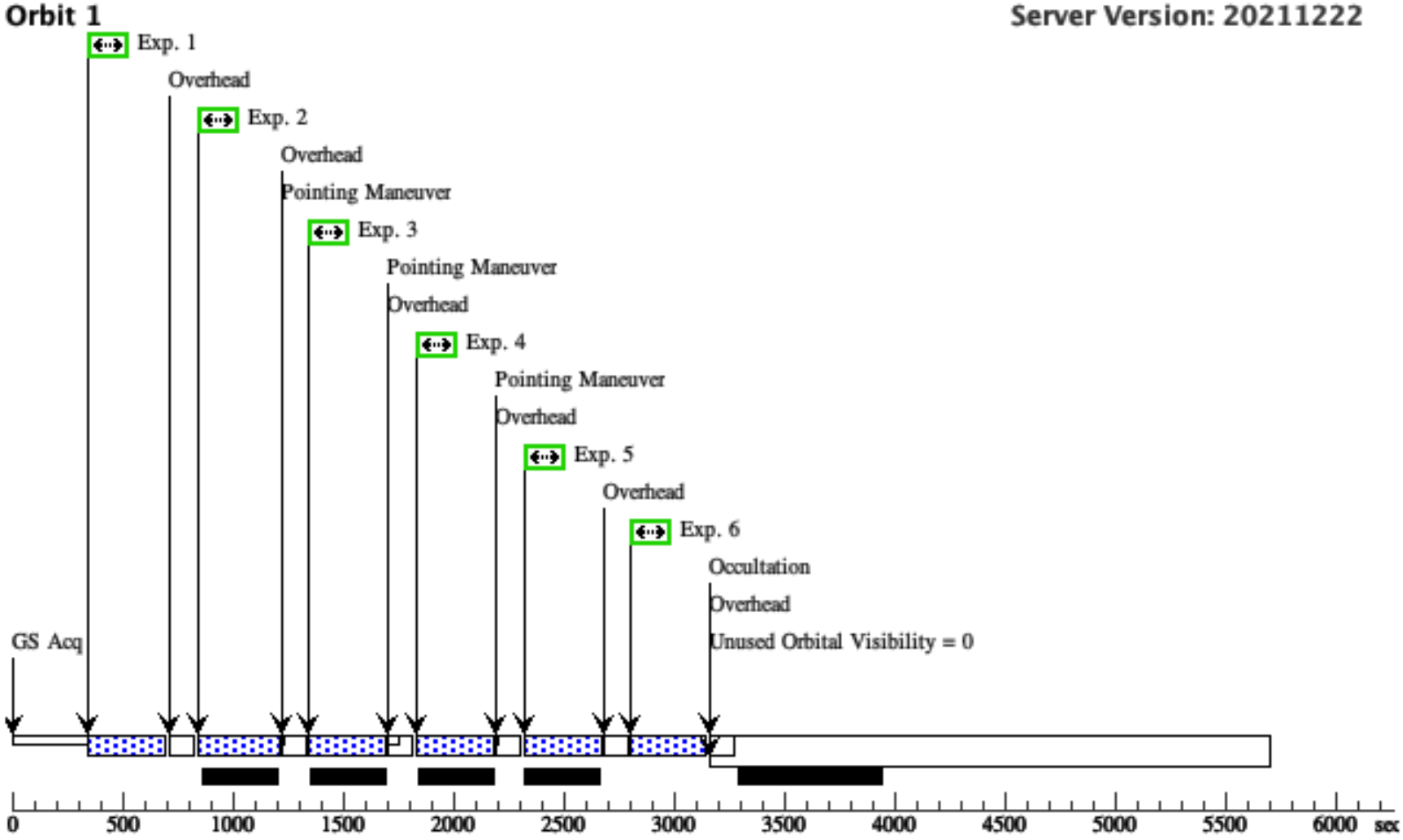
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	GOODS-S-UVCANDELS	RA: 03 32 43.0000 (53.1791667d) Dec: -27 54 16.00 (-27.90444d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments: We plan to utilize legacy data from UVCANDELS, so our target for SN discovery is the UVCANDELS field.
Category=EXT-STAR
Description=[SUPERNOVA]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(WFC3UVIS.im.1530125)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 0.0,324.44332797577846; GS ACQ SCENARIO BASE1B3		323 Secs (323 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
2	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.0,324.44332797577846		348 Secs (348 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
3	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.099,324.50932797577843		348 Secs (348 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
4	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.891,326.83632797577843		348 Secs (348 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
5	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.97,326.90232797577846		348 Secs (348 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
6	(WFC3UVIS.im.1529037)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 129.97,326.90232797577846		323 Secs (323 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									

Orbit Structure



Visit

Proposal 16706, Tile Tiles1-2_UVC7-8 (51), completed Fri Feb 25 18:02:20 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: ORIENT 26D TO 26 D; AFTER 45 BY 1.5 D TO 2.5 D; GROUP 51,52,53,54,55 WITHIN 5 Orbits

Comments: Epoch 5 pointing 1, produces mosaic tiles 1-2 covering UVCANDELS visits 7-8.

Fixed Targets

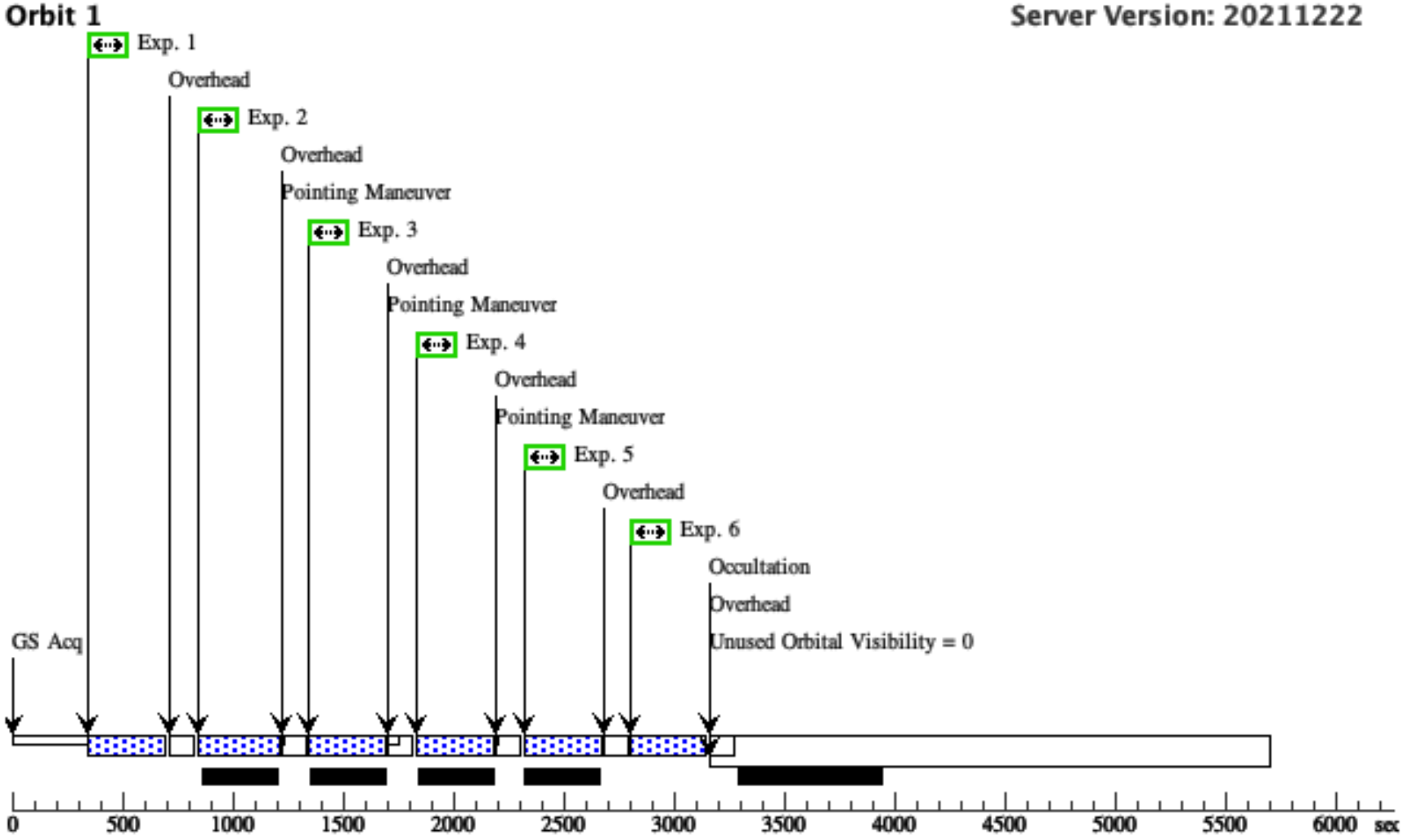
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	GOODS-S-UVCANDELS	RA: 03 32 43.0000 (53.1791667d) Dec: -27 54 16.00 (-27.90444d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments: We plan to utilize legacy data from UVCANDELS, so our target for SN discovery is the UVCANDELS field.
Category=EXT-STAR
Description=[SUPERNOVA]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(WFC3UVIS.im.1530125)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 0.0,-324.44332797577835; GS ACQ SCENARIO BASE1B3		323 Secs (323 Secs) *[==>]*	*[1]*
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
2	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.0,-324.44332797577835		348 Secs (348 Secs) *[==>]*	*[1]*
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
3	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.099,-324.37732797577837		348 Secs (348 Secs) *[==>]*	*[1]*
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
4	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.891,-322.0503279757784		348 Secs (348 Secs) *[==>]*	*[1]*
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
5	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.97,-321.98432797577834		348 Secs (348 Secs) *[==>]*	*[1]*
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
6	(WFC3UVIS.im.1529037)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 129.97,-321.98432797577834		323 Secs (323 Secs) *[==>]*	*[1]*
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									

Orbit Structure



Visit

Proposal 16706, Tile Tiles3-4_UVC5-8 (52), completed Fri Feb 25 18:02:20 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: ORIENT 25D TO 25 D

Comments: Epoch 5 pointing 2, produces mosaic tiles 3-4 covering UVCANDELS visits 5-8.

Fixed Targets

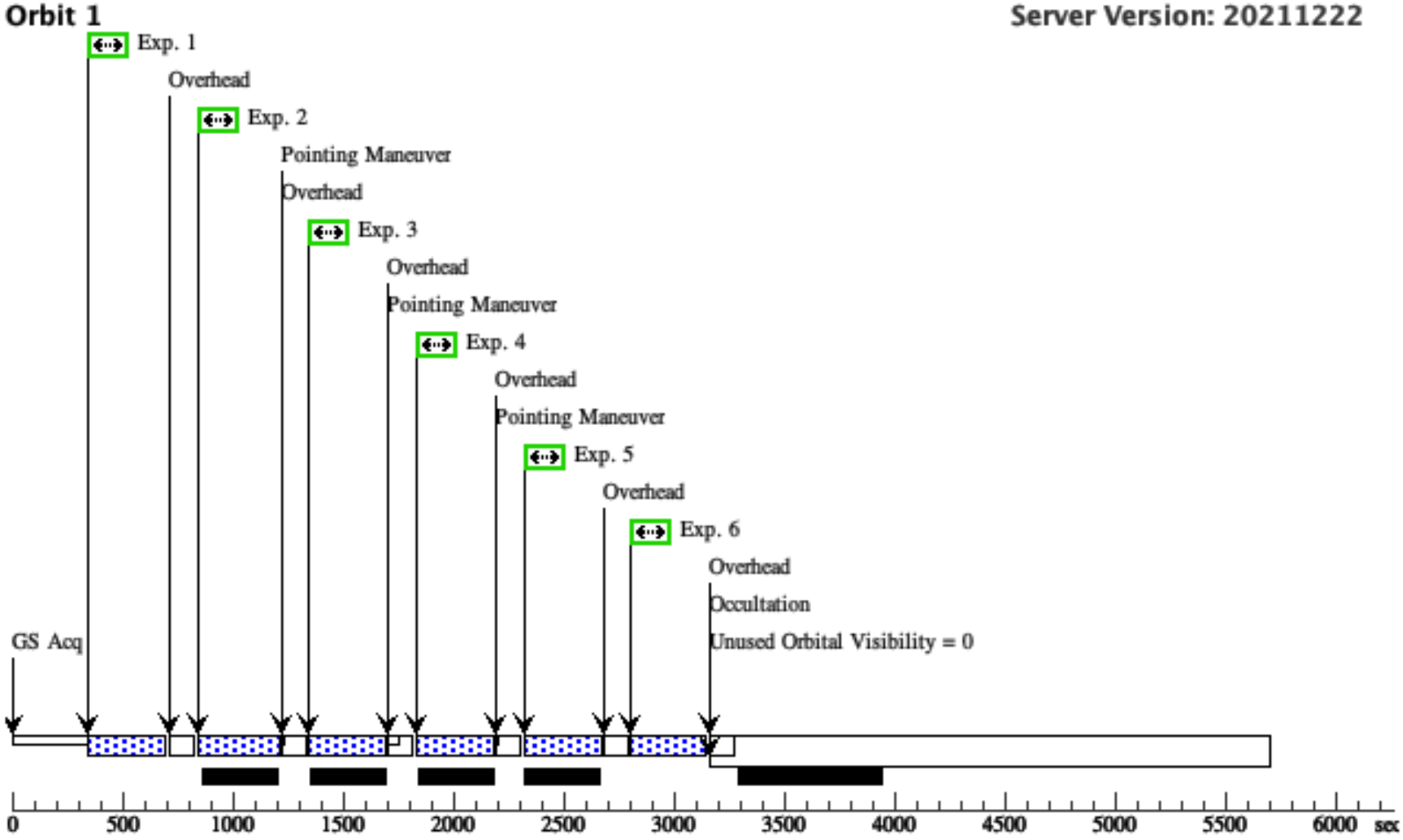
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	GOODS-S-UVCANDELS	RA: 03 32 43.0000 (53.1791667d) Dec: -27 54 16.00 (-27.90444d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments: We plan to utilize legacy data from UVCANDELS, so our target for SN discovery is the UVCANDELS field.
Category=EXT-STAR
Description=[SUPERNOVA]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(WFC3UVIS.im.1530125)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 0.0,-162.22166398788914		323 Secs (323 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
2	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.0,-162.22166398788914		348 Secs (348 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
3	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.099,-162.15566398788914		348 Secs (348 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
4	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.891,-159.82866398788914		348 Secs (348 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
5	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.97,-159.76266398788914		348 Secs (348 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
6	(WFC3UVIS.im.1529037)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 129.97,-159.76266398788914		323 Secs (323 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								

Orbit Structure



Visit

Proposal 16706, Tile Tiles5-6_UVC3-6 (53), completed Fri Feb 25 18:02:20 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: ORIENT 18D TO 18 D

Comments: Epoch 5 pointing 3, produces mosaic tiles 5-6 covering UVCANDELS visits 3-6.

Fixed Targets

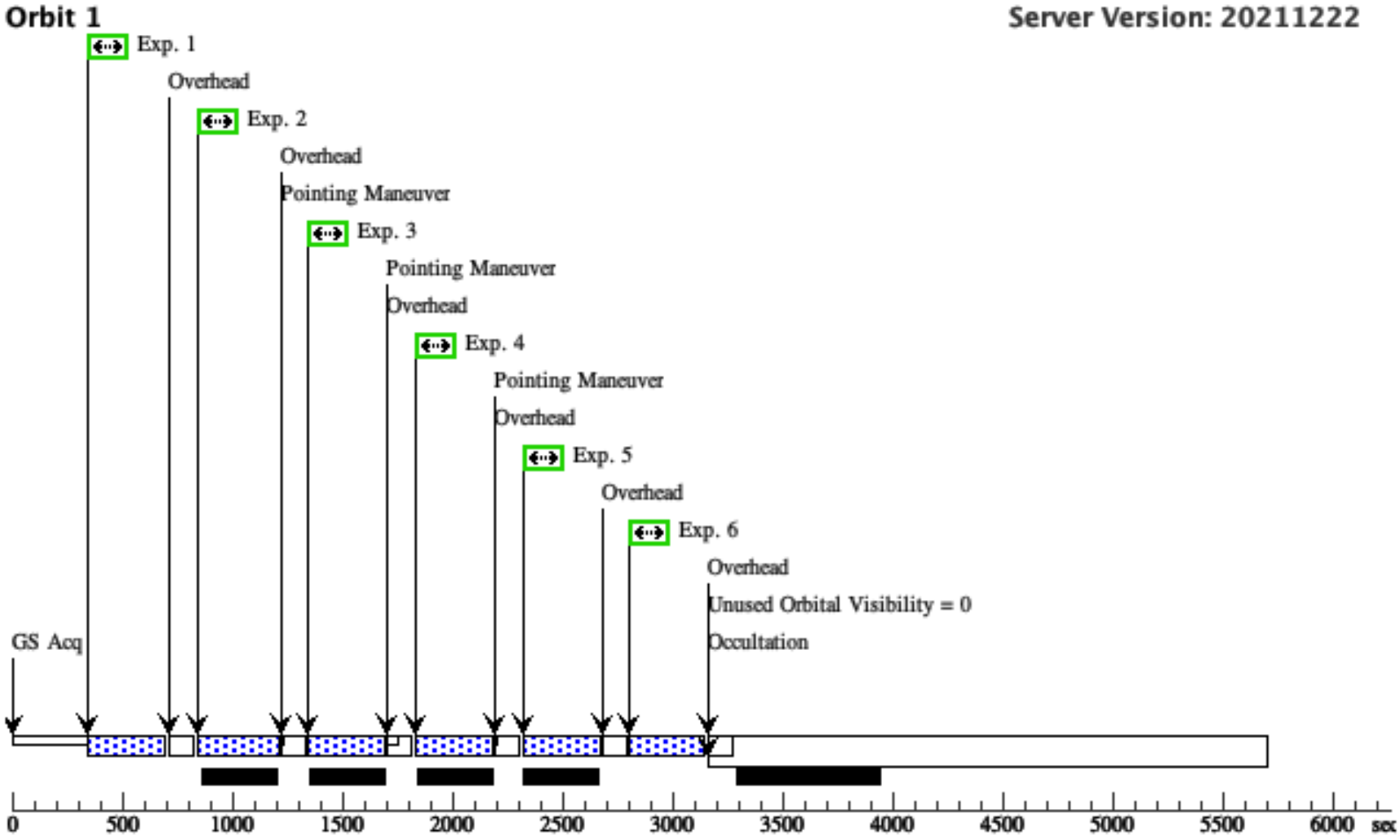
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	GOODS-S-UVCANDELS	RA: 03 32 43.0000 (53.1791667d) Dec: -27 54 16.00 (-27.90444d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments: We plan to utilize legacy data from UVCANDELS, so our target for SN discovery is the UVCANDELS field.
Category=EXT-STAR
Description=[SUPERNOVA]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(WFC3UVIS.im.1530125)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 0.0,5.6843418860808015E-14; GS ACQ SCENARIO BASE1B3		323 Secs (323 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
2	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.0,5.6843418860808015E-14		348 Secs (348 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
3	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.099,0.06600000000005685		348 Secs (348 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
4	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.891,2.3930000000000566		348 Secs (348 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
5	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.97,2.459000000000057		348 Secs (348 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
6	(WFC3UVIS.im.1529037)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 129.97,2.459000000000057		323 Secs (323 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									

Orbit Structure



Visit

Proposal 16706, Tile Tiles7-8_UVC1-4 (54), completed Fri Feb 25 18:02:20 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: ORIENT 26D TO 26 D

Comments: Epoch 5 pointing 4, produces mosaic tiles 7-8 covering UVCANDELS visits 1-4.

Fixed Targets

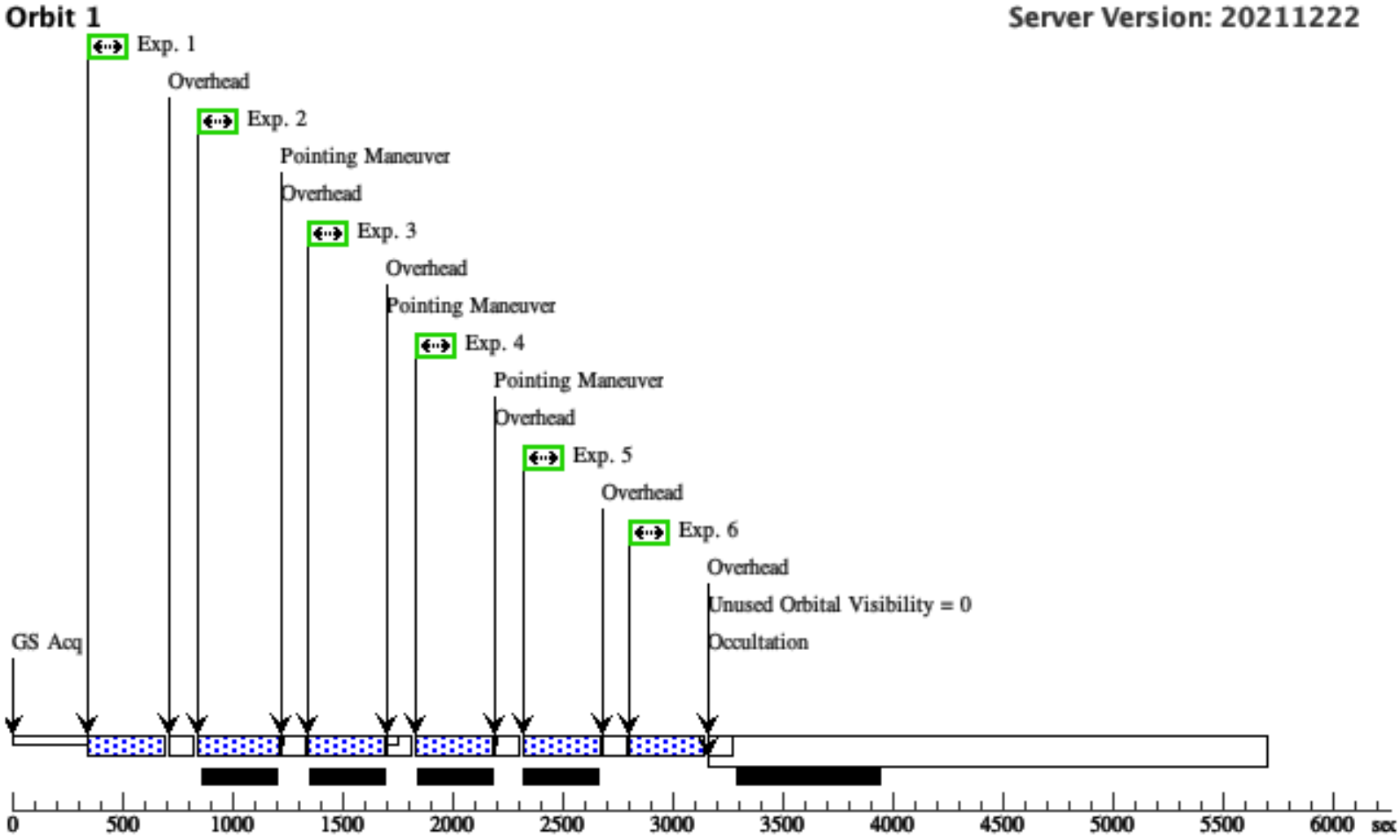
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	GOODS-S-UVCANDELS	RA: 03 32 43.0000 (53.1791667d) Dec: -27 54 16.00 (-27.90444d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments: We plan to utilize legacy data from UVCANDELS, so our target for SN discovery is the UVCANDELS field.
Category=EXT-STAR
Description=[SUPERNOVA]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(WFC3UVIS.im.1530125)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 0.0,162.22166398788926		323 Secs (323 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
2	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.0,162.22166398788926		348 Secs (348 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
3	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.099,162.28766398788926		348 Secs (348 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
4	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.891,164.6146639878892 6		348 Secs (348 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
5	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.97,164.68066398788926		348 Secs (348 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
6	(WFC3UVIS.im.1529037)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 129.97,164.68066398788926		323 Secs (323 Secs) *[==>]*	 ***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								

Orbit Structure



Visit

Proposal 16706, Tile Tiles9-10_UVC1-2 (55), completed Fri Feb 25 18:02:20 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: ORIENT 27D TO 27 D

Comments: Epoch 5 pointing 5, produces mosaic tiles 9-10 covering UVCANDELS visits 1-2.

Fixed Targets

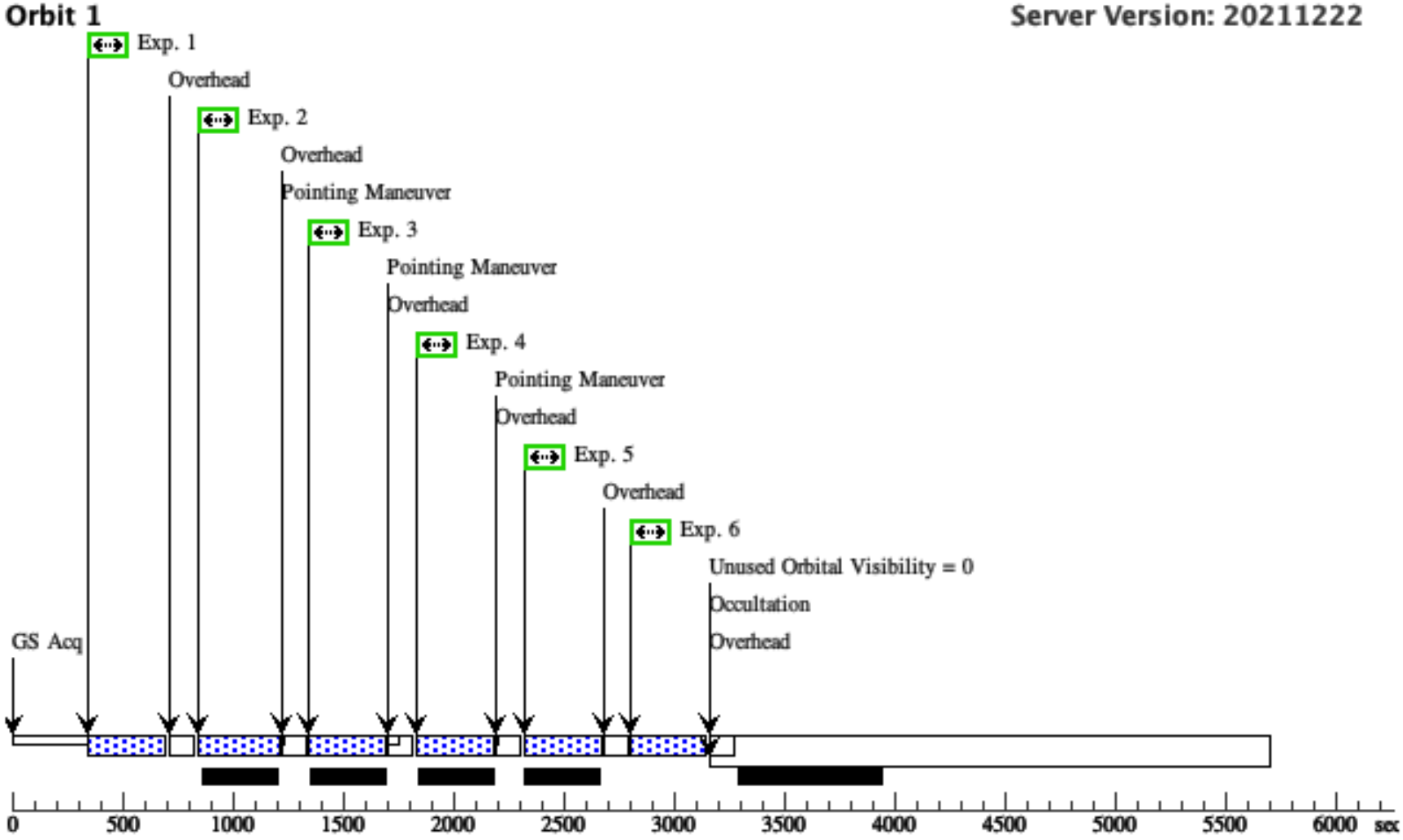
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	GOODS-S-UVCANDELS	RA: 03 32 43.0000 (53.1791667d) Dec: -27 54 16.00 (-27.90444d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments: We plan to utilize legacy data from UVCANDELS, so our target for SN discovery is the UVCANDELS field.
Category=EXT-STAR
Description=[SUPERNOVA]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(WFC3UVIS.im.1530125)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 0.0,324.44332797577846; GS ACQ SCENARIO BASE1B3		323 Secs (323 Secs) *[==>]*	***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
2	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.0,324.44332797577846		348 Secs (348 Secs) *[==>]*	***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
3	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.099,324.50932797577843		348 Secs (348 Secs) *[==>]*	***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
4	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.891,326.83632797577843		348 Secs (348 Secs) *[==>]*	***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
5	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.97,326.90232797577846		348 Secs (348 Secs) *[==>]*	***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
6	(WFC3UVIS.im.1529037)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 129.97,326.90232797577846		323 Secs (323 Secs) *[==>]*	***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								

Orbit Structure



Visit

Proposal 16706, Tile Tiles1-2_UVC7-8 (61), completed Fri Feb 25 18:02:20 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: ORIENT 26D TO 26 D; AFTER 55 BY 1.5 D TO 2.5 D; GROUP 61,62,63,64,65 WITHIN 5 Orbits

Comments: Epoch 6 pointing 1, produces mosaic tiles 1-2 covering UVCANDELS visits 7-8.

Fixed Targets

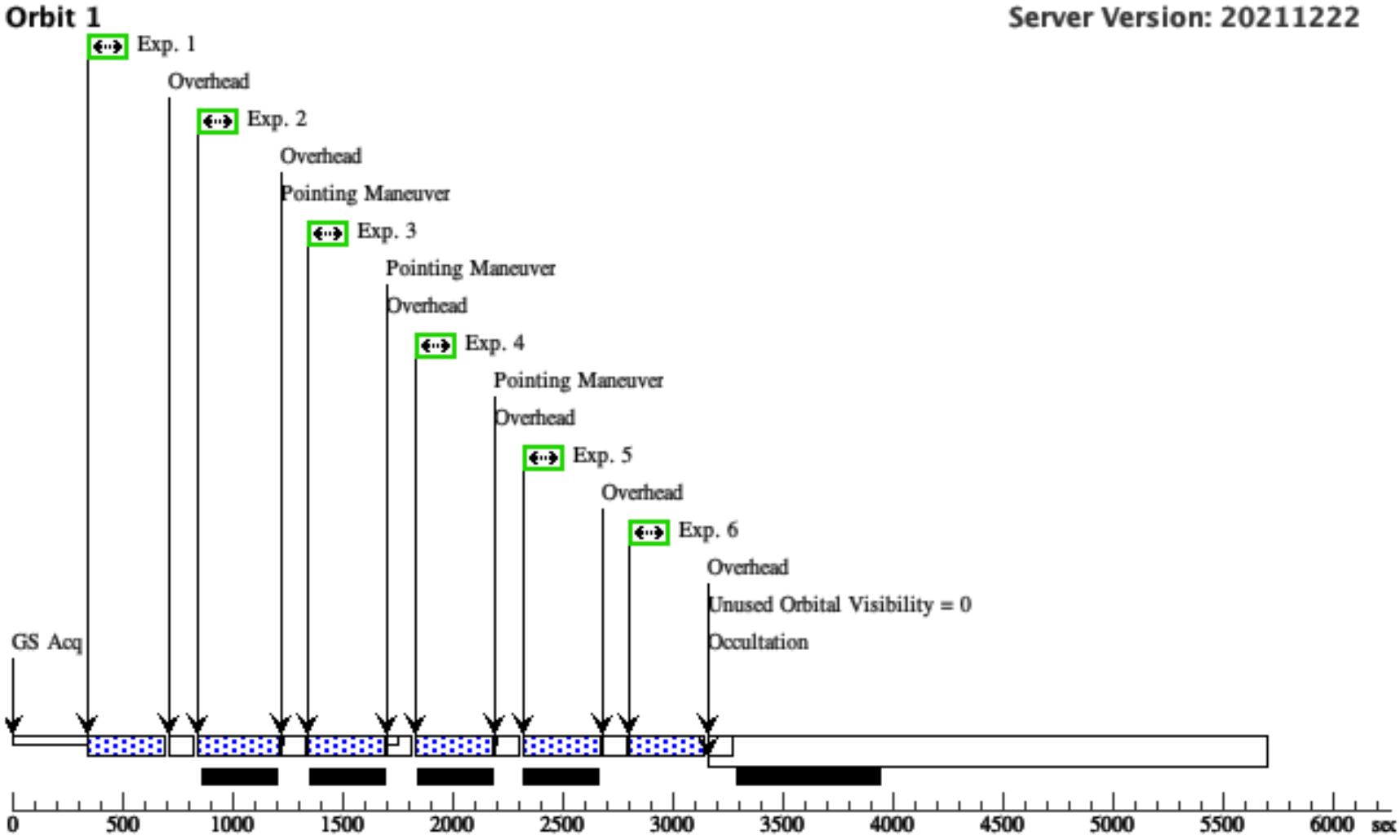
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	GOODS-S-UVCANDELS	RA: 03 32 43.0000 (53.1791667d) Dec: -27 54 16.00 (-27.90444d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments: We plan to utilize legacy data from UVCANDELS, so our target for SN discovery is the UVCANDELS field.
Category=EXT-STAR
Description=[SUPERNOVA]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(WFC3UVIS.im.1530125)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 0.0,-324.44332797577835; GS ACQ SCENARIO BASE1B3		323 Secs (323 Secs) *[==>]*	*[1]*
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
2	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.0,-324.44332797577835		348 Secs (348 Secs) *[==>]*	*[1]*
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
3	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.099,-324.37732797577837		348 Secs (348 Secs) *[==>]*	*[1]*
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
4	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.891,-322.0503279757784		348 Secs (348 Secs) *[==>]*	*[1]*
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
5	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.97,-321.98432797577834		348 Secs (348 Secs) *[==>]*	*[1]*
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
6	(WFC3UVIS.im.1529037)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 129.97,-321.98432797577834		323 Secs (323 Secs) *[==>]*	*[1]*
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									

Orbit Structure



Visit

Proposal 16706, Tile Tiles3-4_UVC5-8 (62), completed Fri Feb 25 18:02:20 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: ORIENT 20D TO 21 D

Comments: Epoch 6 pointing 2, produces mosaic tiles 3-4 covering UVCANDELS visits 5-8.

Fixed Targets

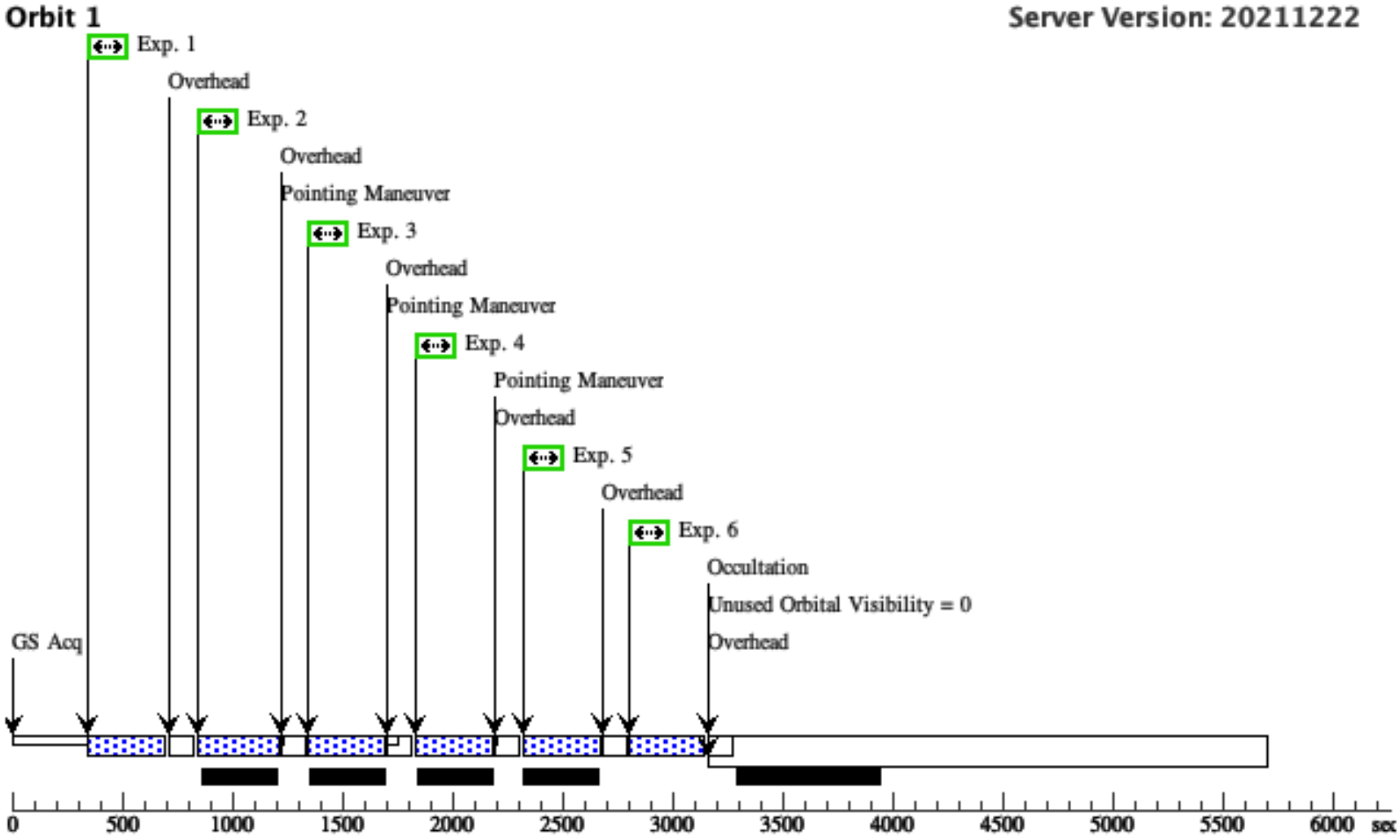
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	GOODS-S-UVCANDELS	RA: 03 32 43.0000 (53.1791667d) Dec: -27 54 16.00 (-27.90444d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments: We plan to utilize legacy data from UVCANDELS, so our target for SN discovery is the UVCANDELS field.
Category=EXT-STAR
Description=[SUPERNOVA]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(WFC3UVIS.im.1530125)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 0.0,-162.22166398788914; GS ACQ SCENARIO BASE1B3		323 Secs (323 Secs) *[==>]*	***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
2	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.0,-162.22166398788914		348 Secs (348 Secs) *[==>]*	***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
3	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.099,-162.15566398788914		348 Secs (348 Secs) *[==>]*	***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
4	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.891,-159.82866398788914		348 Secs (348 Secs) *[==>]*	***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
5	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.97,-159.76266398788914		348 Secs (348 Secs) *[==>]*	***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
6	(WFC3UVIS.im.1529037)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 129.97,-159.76266398788914		323 Secs (323 Secs) *[==>]*	***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								

Orbit Structure



Visit

Proposal 16706, Tile Tiles5-6_UVC3-6 (63), completed Fri Feb 25 18:02:20 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: ORIENT 23D TO 23 D

Comments: Epoch 6 pointing 3, produces mosaic tiles 5-6 covering UVCANDELS visits 3-6.

Fixed Targets

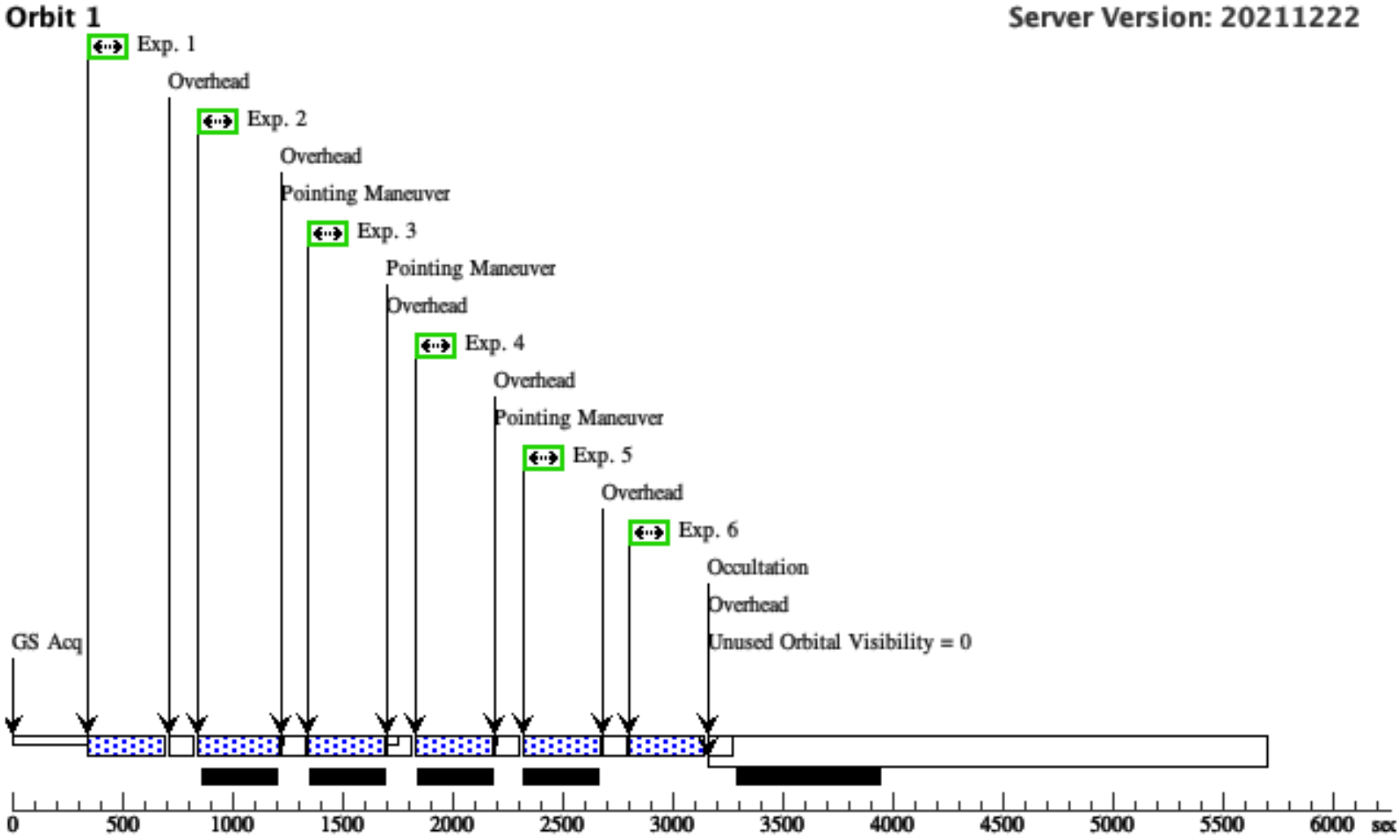
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	GOODS-S-UVCANDELS	RA: 03 32 43.0000 (53.1791667d) Dec: -27 54 16.00 (-27.90444d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments: We plan to utilize legacy data from UVCANDELS, so our target for SN discovery is the UVCANDELS field.
Category=EXT-STAR
Description=[SUPERNOVA]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(WFC3UVIS.im.1530125)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 0.0,5.6843418860808015E-14; GS ACQ SCENARIO BASE1B3		323 Secs (323 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
2	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.0,5.6843418860808015E-14		348 Secs (348 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
3	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.099,0.06600000000005685		348 Secs (348 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
4	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.891,2.3930000000000566		348 Secs (348 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
5	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.97,2.459000000000057		348 Secs (348 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
6	(WFC3UVIS.im.1529037)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 129.97,2.459000000000057		323 Secs (323 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									

Orbit Structure



Visit

Proposal 16706, Tile Tiles7-8_UVC1-4 (64), completed Fri Feb 25 18:02:20 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: ORIENT 26D TO 26 D

Comments: Epoch 6 pointing 4, produces mosaic tiles 7-8 covering UVCANDELS visits 1-4.

Fixed Targets

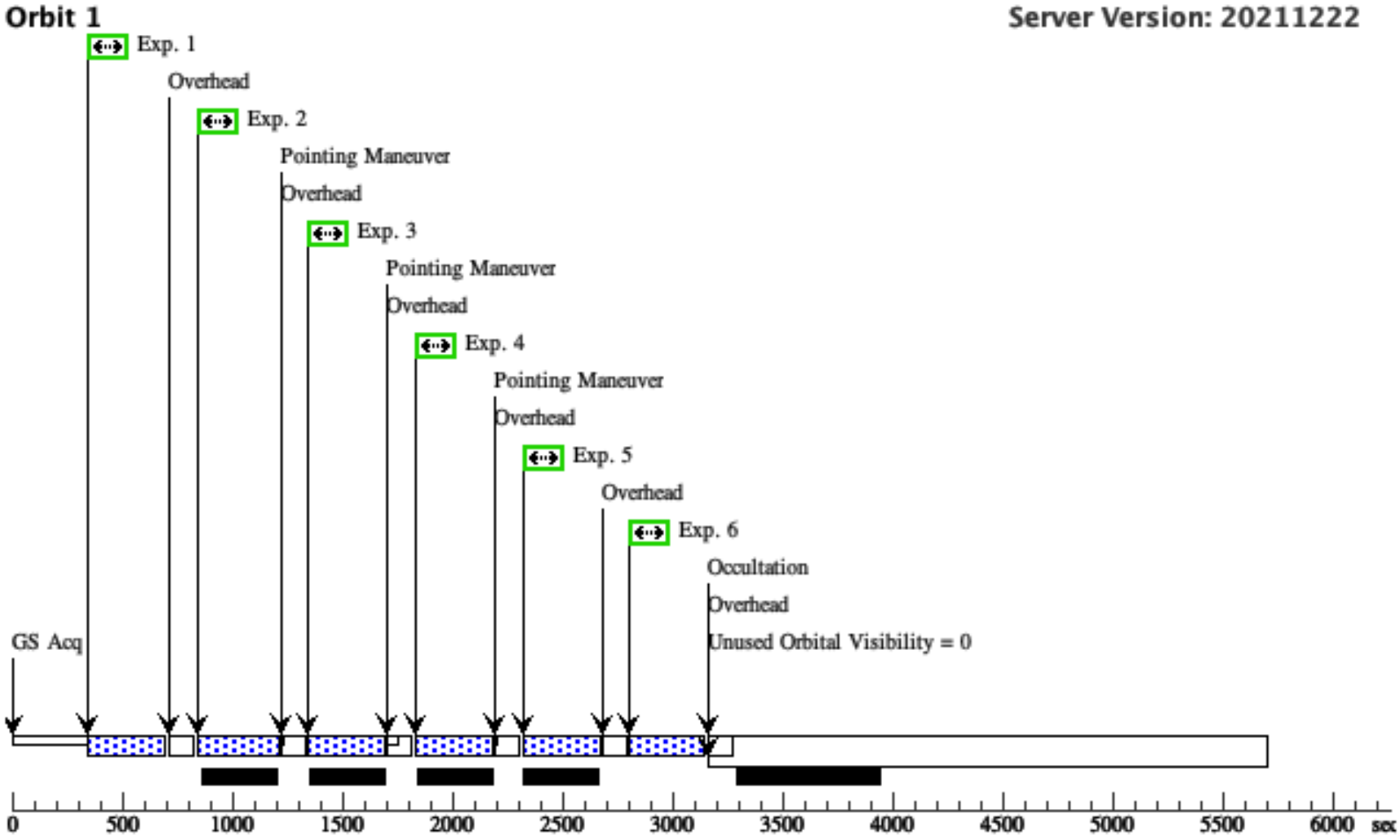
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	GOODS-S-UVCANDELS	RA: 03 32 43.0000 (53.1791667d) Dec: -27 54 16.00 (-27.90444d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments: We plan to utilize legacy data from UVCANDELS, so our target for SN discovery is the UVCANDELS field.
Category=EXT-STAR
Description=[SUPERNOVA]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(WFC3UVIS.im.1530125)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 0.0,162.22166398788926; GS ACQ SCENARIO BASE1B3		323 Secs (323 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
2	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.0,162.22166398788926		348 Secs (348 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
3	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.099,162.28766398788926		348 Secs (348 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
4	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.891,164.61466398788926		348 Secs (348 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
5	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.97,164.68066398788926		348 Secs (348 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								
6	(WFC3UVIS.im.1529037)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 129.97,164.68066398788926		323 Secs (323 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.								

Orbit Structure



Visit

Proposal 16706, Tile Tiles9-10_UVC1-2 (65), completed Fri Feb 25 18:02:20 GMT 2022

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/UVIS

Special Requirements: ORIENT 26D TO 27 D

Comments: Epoch 6 pointing 5, produces mosaic tiles 9-10 covering UVCANDELS visits 1-2.

Fixed Targets

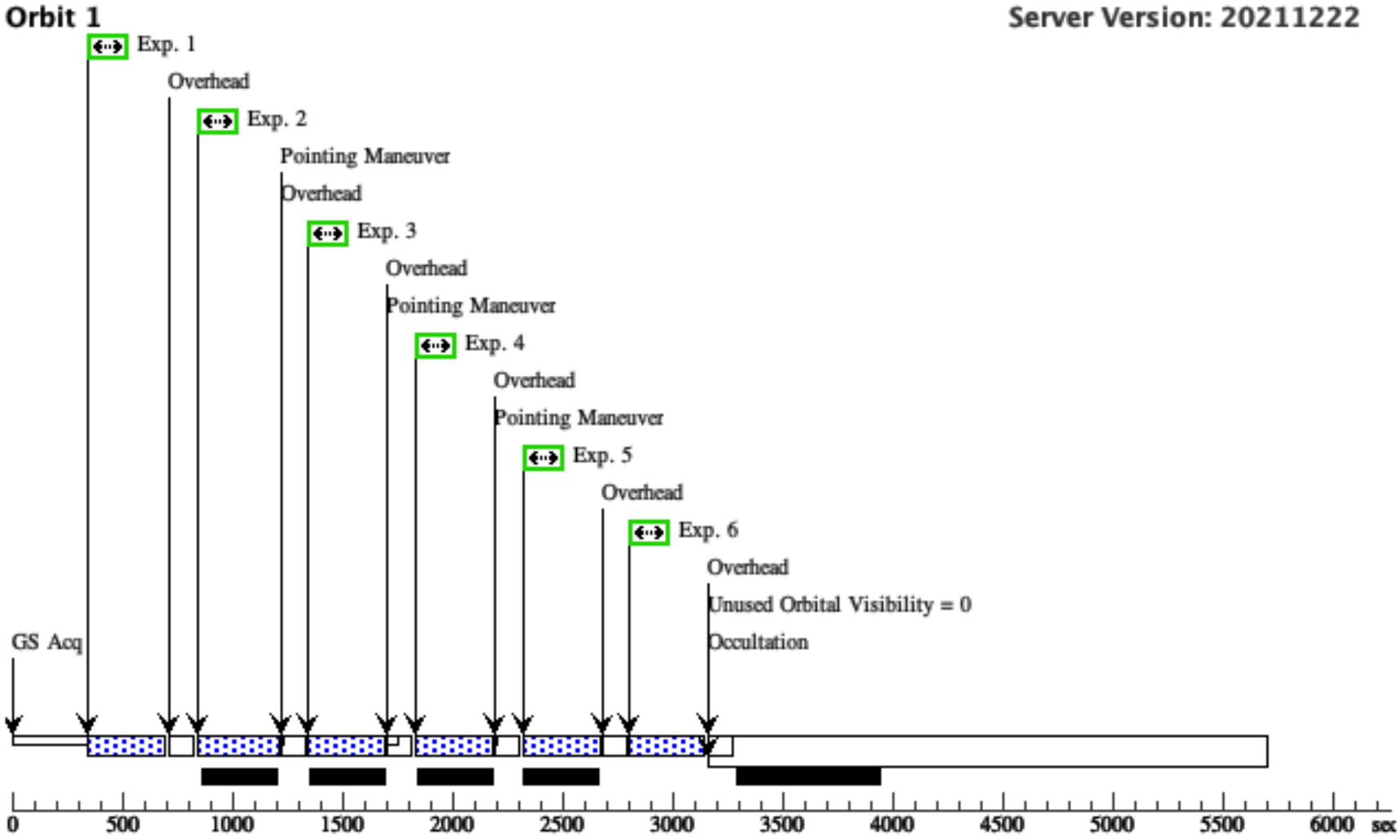
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	GOODS-S-UVCANDELS	RA: 03 32 43.0000 (53.1791667d) Dec: -27 54 16.00 (-27.90444d) Equinox: J2000		V=25	Reference Frame: ICRS

Comments: We plan to utilize legacy data from UVCANDELS, so our target for SN discovery is the UVCANDELS field.
Category=EXT-STAR
Description=[SUPERNOVA]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(WFC3UVIS.im.1530125)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 0.0,324.44332797577846; GS ACQ SCENARIO BASE1B3		323 Secs (323 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
2	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.0,324.44332797577846		348 Secs (348 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
3	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 0.099,324.50932797577843		348 Secs (348 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
4	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.891,326.83632797577843		348 Secs (348 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
5	(WFC3UVIS.im.1529041)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18	POS TARG 129.97,326.90232797577846		348 Secs (348 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									
6	(WFC3UVIS.im.1529037)	(1) GOODS-S-UVCANDELS	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=19	POS TARG 129.97,326.90232797577846		323 Secs (323 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create half of a WFC3-UVIS-MOS-DITH-LINE pattern, meant to include the dither in F336W only and also step over the chip gap, and chosen the flash to obtain e-/pix of 20 as recommended.									

Orbit Structure



Visit

Proposal 16706, SN1-ToO-Obs-1 (1A), implementation Fri Feb 25 18:02:20 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS

Special Requirements: ORIENT 85D TO 121 D

Comments: First trigger on SN discovery from NUTS.

Diagnostics

(Exposure 2 (SN1-ToO-Obs-1 (1A))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Exposure 3 (SN1-ToO-Obs-1 (1A))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Fixed Targets

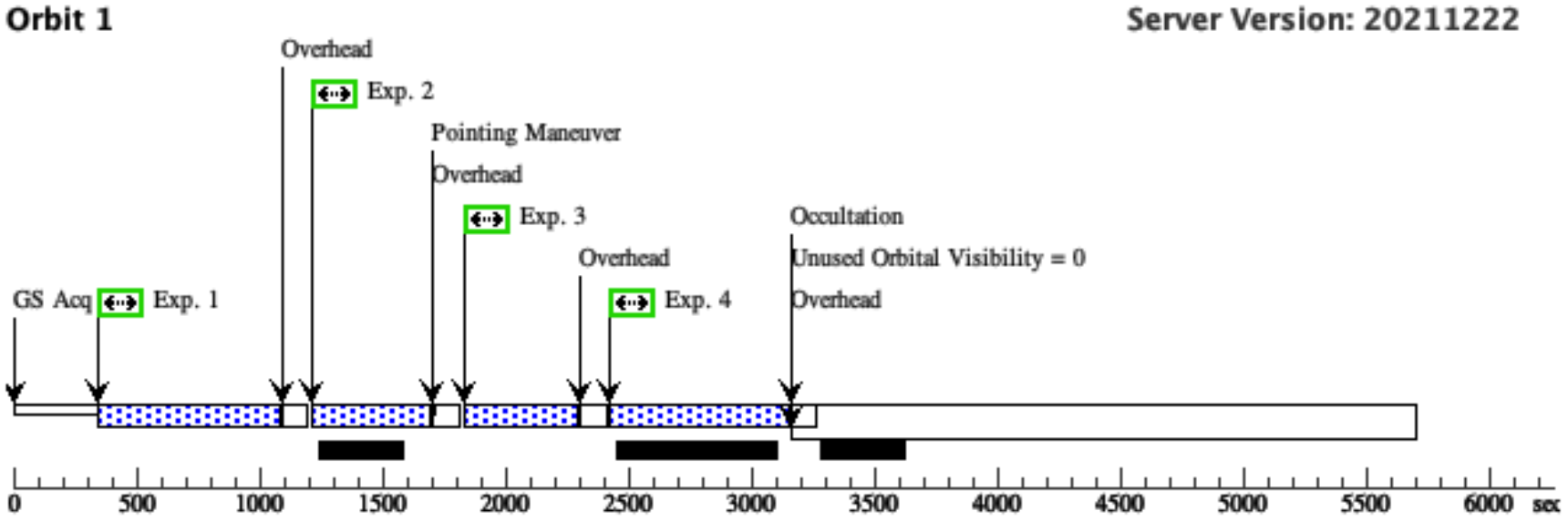
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	TOO-SN-1	RA: 03 32 55.7520 (53.2323000d) Dec: -27 50 4.19 (-27.83450d) Equinox: J2000		V=26+/-1	Reference Frame: ICRS

Comments: First expected SN detection in the course of survey observations from this proposal in the GOODS-S field. Exact coordinates to be determined.
Category=EXT-STAR
Description=[SUPERNOVA TYPE II]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(WFC3UVIS.im.1529058)	(2) TOO-SN-1	WFC3/UVIS, ACCUM, UVIS2	F606W		POS TARG -54.542 49860449661 5,-7.77 23902839884 7; GS ACQ SCENARIO BASE1B3		707 Secs (707 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create a WFC3-UVIS-DITHER-LINE pattern, and according to the ETC no flash is needed to reach e-/pix of 20 as recommended.									
2	(WFC3UVIS.im.1529066)	(2) TOO-SN-1	WFC3/UVIS, ACCUM, UVIS2	F814W	FLASH=5	POS TARG -54.542 49860449661 5,-7.77 23902839884 7		460 Secs (460 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create a WFC3-UVIS-DITHER-LINE pattern, and chosen the flash to obtain e-/pix of 20 as recommended.									
3	(WFC3UVIS.im.1529066)	(2) TOO-SN-1	WFC3/UVIS, ACCUM, UVIS2	F814W	FLASH=5	POS TARG -54.443 49860449662,-7.666 39028398847		460 Secs (460 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create a WFC3-UVIS-DITHER-LINE pattern, and chosen the flash to obtain e-/pix of 20 as recommended.									
4	(WFC3UVIS.im.1529058)	(2) TOO-SN-1	WFC3/UVIS, ACCUM, UVIS2	F606W		POS TARG -54.443 49860449662,-7.666 39028398847		707 Secs (707 Secs) *[==>]*	***[1]***
Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create a WFC3-UVIS-DITHER-LINE pattern, and according to the ETC no flash is needed to reach e-/pix of 20 as recommended.									

Orbit Structure



Visit

Proposal 16706, SN1-ToO-Obs-2 (1B), implementation Fri Feb 25 18:02:20 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS

Special Requirements: ORIENT 85D TO 121 D

Comments: Second epoch observation for first ToO trigger.

Diagnostics

(Exposure 2 (SN1-ToO-Obs-2 (1B))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Exposure 3 (SN1-ToO-Obs-2 (1B))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Fixed Targets

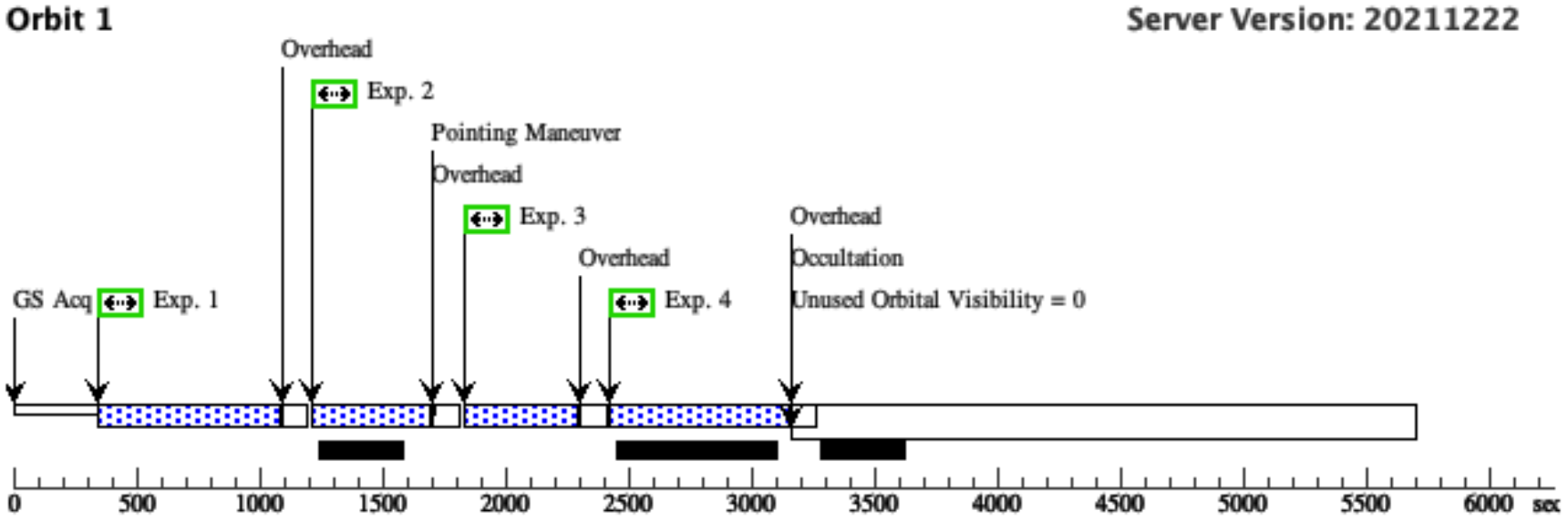
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	TOO-SN-1	RA: 03 32 55.7520 (53.2323000d) Dec: -27 50 4.19 (-27.83450d) Equinox: J2000		V=26+/-1	Reference Frame: ICRS

Comments: First expected SN detection in the course of survey observations from this proposal in the GOODS-S field. Exact coordinates to be determined.
Category=EXT-STAR
Description=[SUPERNOVA TYPE II]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(WFC3UVIS.im.1529058)	(2) TOO-SN-1	WFC3/UVIS, ACCUM, UVIS2	F606W		POS TARG -54.542 49860449661 5,-7.77 23902839884 7; GS ACQ SCENARIO BASE1B3		707 Secs (707 Secs) *[==>]*	***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create a WFC3-UVIS-DITHER-LINE pattern, and according to the ETC no flash is needed to reach e-/pix of 20 as recommended.								
2	(WFC3UVIS.im.1529066)	(2) TOO-SN-1	WFC3/UVIS, ACCUM, UVIS2	F814W	FLASH=5	POS TARG -54.542 49860449661 5,-7.77 23902839884 7		460 Secs (460 Secs) *[==>]*	***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create a WFC3-UVIS-DITHER-LINE pattern, and chosen the flash to obtain e-/pix of 20 as recommended.								
3	(WFC3UVIS.im.1529066)	(2) TOO-SN-1	WFC3/UVIS, ACCUM, UVIS2	F814W	FLASH=5	POS TARG -54.443 49860449662,-7.666 39028398847		460 Secs (460 Secs) *[==>]*	***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create a WFC3-UVIS-DITHER-LINE pattern, and chosen the flash to obtain e-/pix of 20 as recommended.								
4	(WFC3UVIS.im.1529058)	(2) TOO-SN-1	WFC3/UVIS, ACCUM, UVIS2	F606W		POS TARG -54.443 49860449662,-7.666 39028398847		707 Secs (707 Secs) *[==>]*	***[1]***
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create a WFC3-UVIS-DITHER-LINE pattern, and according to the ETC no flash is needed to reach e-/pix of 20 as recommended.								

Orbit Structure



Visit

Proposal 16706, SN2-ToO-Obs-1 (2A), implementation Fri Feb 25 18:02:20 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS

Special Requirements: ORIENT 85D TO 121 D

Comments: Second trigger on SN discovery from NUTS.

Diagnostics

(Exposure 2 (SN2-ToO-Obs-1 (2A))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Exposure 3 (SN2-ToO-Obs-1 (2A))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Fixed Targets

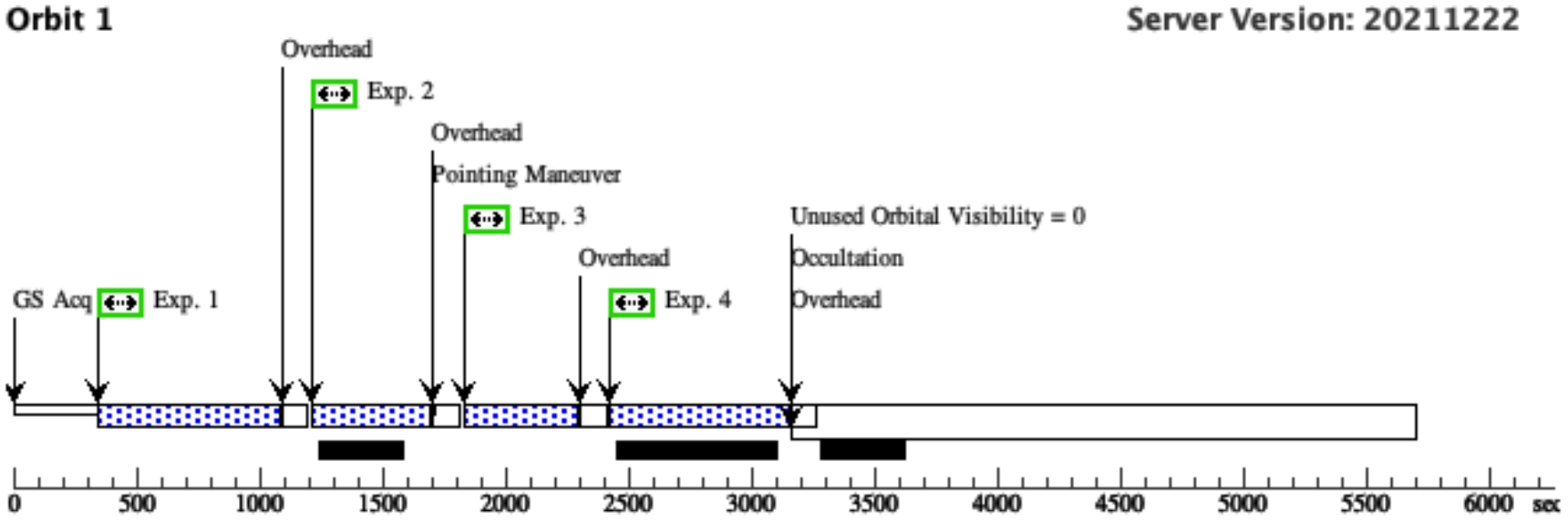
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	TOO-SN-2	RA: 03 32 39.2800 (53.1636667d) Dec: -27 52 34.32 (-27.87620d) Equinox: J2000		V=26+/-1	Reference Frame: ICRS

Comments: Second expected SN detection in the course of survey observations from this proposal in the GOODS-S field. Exact coordinates to be determined.
Category=EXT-STAR
Description=[SUPERNOVA TYPE II]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(WFC3UVIS.im.1529058)	(3) TOO-SN-2	WFC3/UVIS, ACCUM, UVIS1	F606W		GS ACQ SCENARIO BASE1B3		707 Secs (707 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create a WFC3-UVIS-DITHER-LINE pattern, and according to the ETC no flash is needed to reach e-/pix of 20 as recommended.								
2	(WFC3UVIS.im.1529066)	(3) TOO-SN-2	WFC3/UVIS, ACCUM, UVIS1	F814W	FLASH=5			460 Secs (460 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create a WFC3-UVIS-DITHER-LINE pattern, and chosen the flash to obtain e-/pix of 20 as recommended.								
3	(WFC3UVIS.im.1529066)	(3) TOO-SN-2	WFC3/UVIS, ACCUM, UVIS1	F814W	FLASH=5	POS TARG 0.099,0.106		460 Secs (460 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create a WFC3-UVIS-DITHER-LINE pattern, and chosen the flash to obtain e-/pix of 20 as recommended.								
4	(WFC3UVIS.im.1529058)	(3) TOO-SN-2	WFC3/UVIS, ACCUM, UVIS1	F606W		POS TARG 0.099,0.106		707 Secs (707 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create a WFC3-UVIS-DITHER-LINE pattern, and according to the ETC no flash is needed to reach e-/pix of 20 as recommended.								

Orbit Structure



Visit

Proposal 16706, SN2-ToO-Obs-2 (2B), implementation Fri Feb 25 18:02:20 GMT 2022

Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS

Special Requirements: ORIENT 85D TO 121 D; AFTER 2A BY 5 D TO 18 D

Comments: Second epoch observation for second ToO trigger.

Diagnostics

(Exposure 2 (SN2-ToO-Obs-2 (2B))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(Exposure 3 (SN2-ToO-Obs-2 (2B))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	TOO-SN-2	RA: 03 32 39.2800 (53.1636667d) Dec: -27 52 34.32 (-27.87620d) Equinox: J2000		V=26+/-1	Reference Frame: ICRS

Comments: Second expected SN detection in the course of survey observations from this proposal in the GOODS-S field. Exact coordinates to be determined.
Category=EXT-STAR
Description=[SUPERNOVA TYPE II]

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(WFC3UVIS.im.1529058)	(3) TOO-SN-2	WFC3/UVIS, ACCUM, UVIS1	F606W		GS ACQ SCENARIO BASE1B3		707 Secs (707 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create a WFC3-UVIS-DITHER-LINE pattern, and according to the ETC no flash is needed to reach e-/pix of 20 as recommended.								
2	(WFC3UVIS.im.1529066)	(3) TOO-SN-2	WFC3/UVIS, ACCUM, UVIS1	F814W	FLASH=5			460 Secs (460 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create a WFC3-UVIS-DITHER-LINE pattern, and chosen the flash to obtain e-/pix of 20 as recommended.								
3	(WFC3UVIS.im.1529066)	(3) TOO-SN-2	WFC3/UVIS, ACCUM, UVIS1	F814W	FLASH=5	POS TARG 0.099,0.106		460 Secs (460 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create a WFC3-UVIS-DITHER-LINE pattern, and chosen the flash to obtain e-/pix of 20 as recommended.								
4	(WFC3UVIS.im.1529058)	(3) TOO-SN-2	WFC3/UVIS, ACCUM, UVIS1	F606W		POS TARG 0.099,0.106		707 Secs (707 Secs) *[==>]*	*[1]*
	Comments: We have used the POS TARG values in Table C.3 at https://www.stsci.edu/itt/APT_help20/WFC3/appendixC3.html to create a WFC3-UVIS-DITHER-LINE pattern, and according to the ETC no flash is needed to reach e-/pix of 20 as recommended.								

Orbit Structure