



18239 - Blinded by the Light: Calibrating Outshining Bias in High-z Galaxies with Low-z Starbursting Dwarfs

Cycle: 33, Proposal Category: GO

(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) NGC-1569	WFC3/UVIS	1	29-May-2026 09:00:15.0	yes
02	(2) IC-4662	WFC3/UVIS	1	29-May-2026 09:00:15.0	yes
03	(3) NGC-4068	WFC3/UVIS	1	29-May-2026 09:00:16.0	yes
04	(3) NGC-4068	WFC3/UVIS	1	29-May-2026 09:00:16.0	yes

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
05	(3) NGC-4068	WFC3/UVIS	1	29-May-2026 09:00:16.0	yes
06	(3) NGC-4068	ACS/WFC	1	29-May-2026 09:00:17.0	yes
07	(4) Z-242-46	WFC3/UVIS	1	29-May-2026 09:00:17.0	yes
08	(4) Z-242-46	WFC3/UVIS	1	29-May-2026 09:00:17.0	yes
09	(4) Z-242-46	WFC3/UVIS	1	29-May-2026 09:00:18.0	yes
10	(4) Z-242-46	WFC3/UVIS	1	29-May-2026 09:00:18.0	yes
11	(5) Z-351-62	WFC3/UVIS	1	29-May-2026 09:00:18.0	yes
12	(5) Z-351-62	WFC3/UVIS	1	29-May-2026 09:00:19.0	yes
13	(5) Z-351-62	WFC3/UVIS	1	29-May-2026 09:00:19.0	yes
14	(5) Z-351-62	ACS/WFC	1	29-May-2026 09:00:19.0	yes
15	(6) Z-331-51	WFC3/UVIS	1	29-May-2026 09:00:20.0	yes
16	(6) Z-331-51	WFC3/UVIS	1	29-May-2026 09:00:20.0	yes

16 Total Orbits Used

ABSTRACT

Stellar mass is the currency of galaxy evolution: it anchors the stellar-halo relation, sets quenching thresholds, shapes the mass-metallicity relation, and underpins galaxy mass functions. Yet at high redshift, where JWST has revealed surprisingly massive galaxies at $z > 6$, masses from integrated SED fits remain vulnerable to systematics, including "outshining" by young bright stars, bursty SFHs, dust-age-metallicity degeneracy, and nebular emission. A precise, empirical calibration to unbiased masses is urgent and is only possible in nearby systems where JWST resolves individual stars beyond HST limits in near-IR, yielding precise measurements that are immune to outshining.

We will collect deep JWST/NIRCam, HST/WFC3, and archival imaging, spanning near-UV to near-IR bands, of resolved stars in a complete sample of nearby (<4.5 Mpc) starburst dwarf galaxies suitable for our program. These panchromatic data allow us to derive high-precision SFHs from multi-band color-magnitude diagrams (CMDs). Combined with per-star SED fits, we will break key degeneracies and anchor unbiased stellar masses across a range of galaxy mass, metallicity, dust content, and star formation activity. CMD-anchored, unbiased stellar masses serve as ground truth and will be used to calibrate integrated SED fits. Using matched apertures, we will directly compare CMD-based masses to integrated SED inferences, quantify biases as functions of galaxy and SFH properties, and deliver empirical corrections, template SFHs and SEDs for bursty

clumps/HII regions, and SFH priors for unresolved systems.

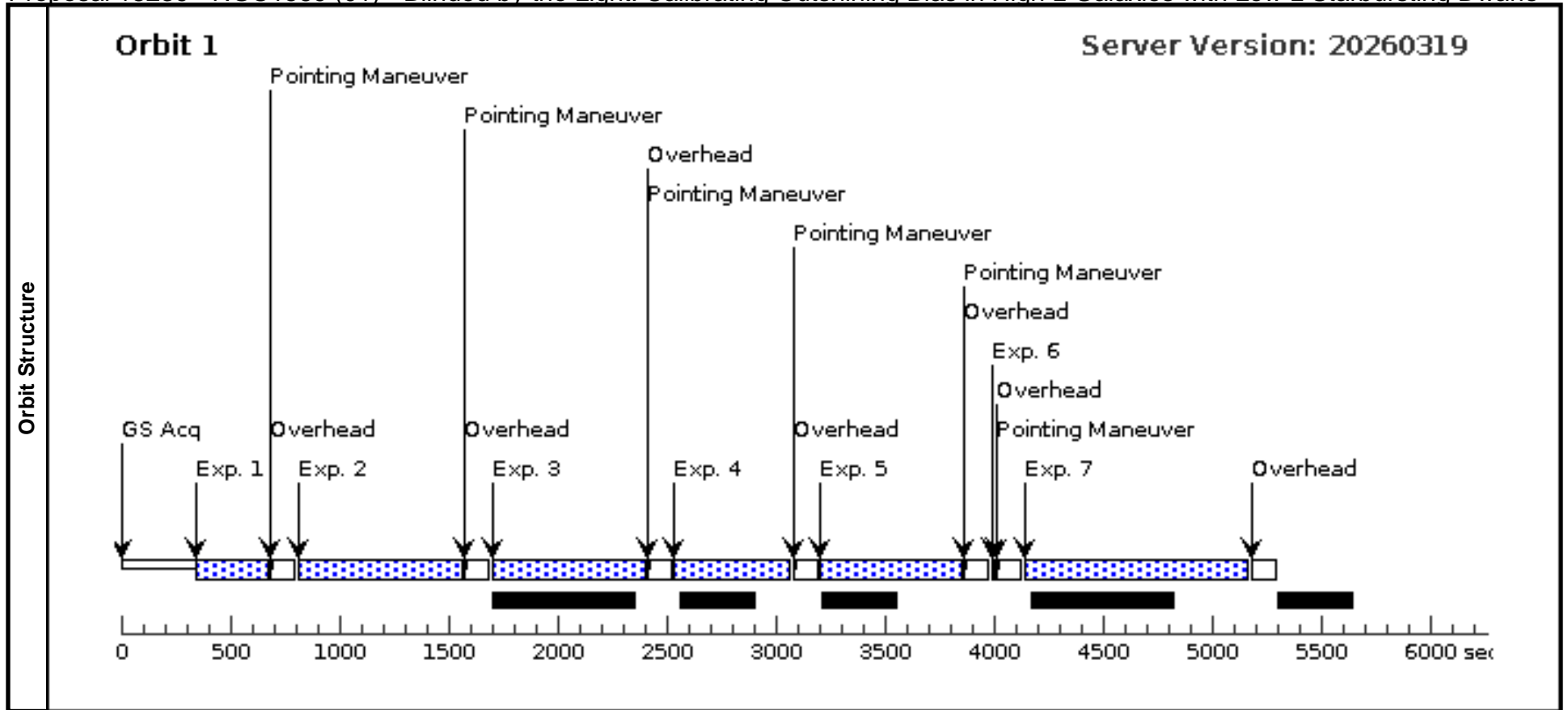
OBSERVING DESCRIPTION

We request 16 HST orbits to image six galaxies using WFC3/UVIS in the F275W and F336W filters, and either WFC3/UVIS or ACS/WFC for F475W. Our strategy maximizes spatial overlap with archival HST and JWST data, though no explicit JWST-HST scheduling coordination is required. These observations are designed to detect intermediate B-type stars with a minimum SNR=4 in the most conservative cases. This depth is sufficient to tightly constrain the recent (<300 Myr) star formation histories (SFHs) of these systems.

Proposal 18239 - NGC1569 (01) - Blinded by the Light: Calibrating Outshining Bias in High-z Galaxies with Low-z Starbursting Dwarfs

Fri May 29 13:00:21 GMT 2026

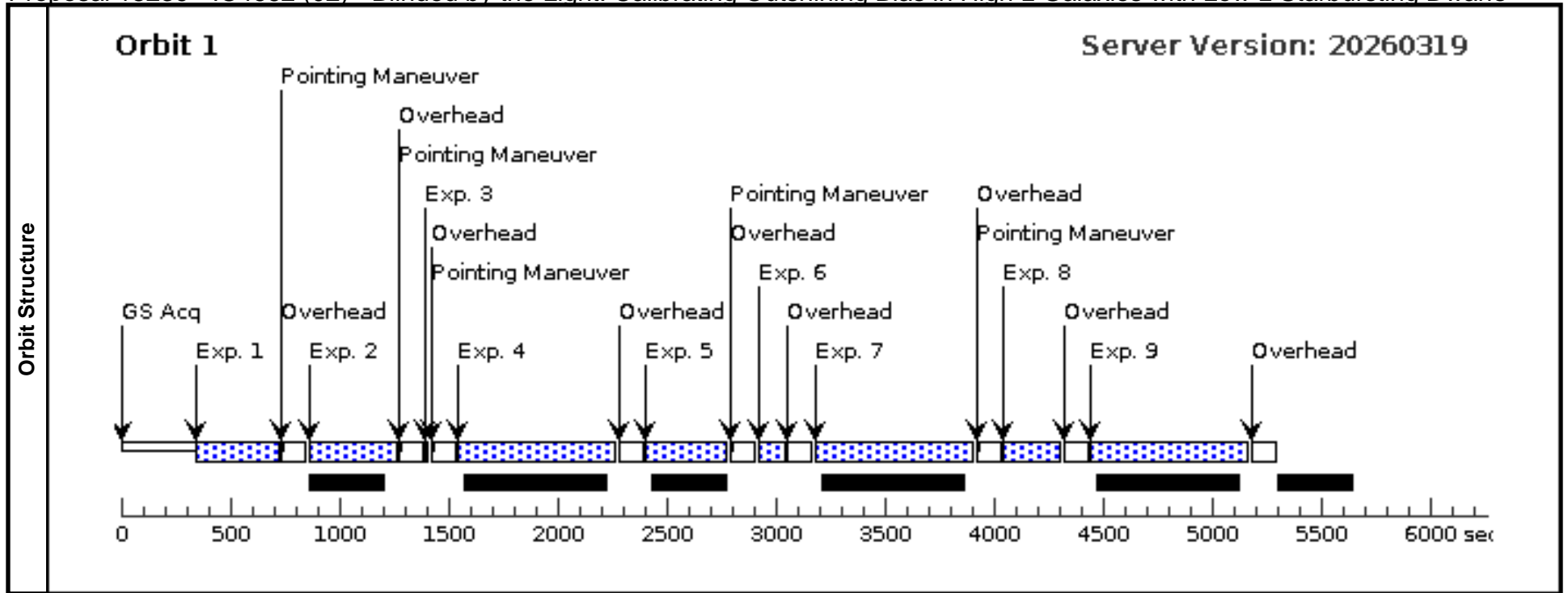
Visit	Proposal 18239, NGC1569 (01), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: CVZ; ORIENT 94D TO 184 D									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(1)	NGC-1569	RA: 04 30 47.4382 (67.6976592d) Dec: +64 50 47.08 (64.84641d) Equinox: J2000	Epoch of Position: 2000	V=11.03	Reference Frame: ICRS				
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[STARBURST]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	N1569-F275 W	(1) NGC-1569	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=20; CR-SPLIT=NO	POS TARG 0,0		300 Secs (300 Secs) [==>]	[1]
	2	N1569-F275 W-2	(1) NGC-1569	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=15; CR-SPLIT=NO	POS TARG 0.158,0.070		750 Secs (750 Secs) [==>]	[1]
	3	N1569-F275 W-3	(1) NGC-1569	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=15; CR-SPLIT=NO	POS TARG 0.099,0.165		700 Secs (700 Secs) [==>]	[1]
	4	N1569-F475 W-1	(1) NGC-1569	WFC3/UVIS, ACCUM, UVIS2	F475W	FLASH=10; CR-SPLIT=NO	POS TARG 0,0		510 Secs (510 Secs) [==>]	[1]
	5	N1569-F475 W-2	(1) NGC-1569	WFC3/UVIS, ACCUM, UVIS2	F475W	FLASH=10; CR-SPLIT=NO	POS TARG 0.092,0.098		650 Secs (650 Secs) [==>]	[1]
	6	N1569-F475 W-3	(1) NGC-1569	WFC3/UVIS, ACCUM, UVIS2	F475W	FLASH=20; CR-SPLIT=NO	POS TARG 0.185,0.197		10 Secs (10 Secs) [==>]	[1]
	7	N1569-F275 W-4	(1) NGC-1569	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=15; CR-SPLIT=NO	POS TARG -0.060,0.095		1000 Secs (1000 Secs) [==>]	[1]



Proposal 18239 - IC4662 (02) - Blinded by the Light: Calibrating Outshining Bias in High-z Galaxies with Low-z Starbursting Dwarfs

Fri May 29 13:00:21 GMT 2026

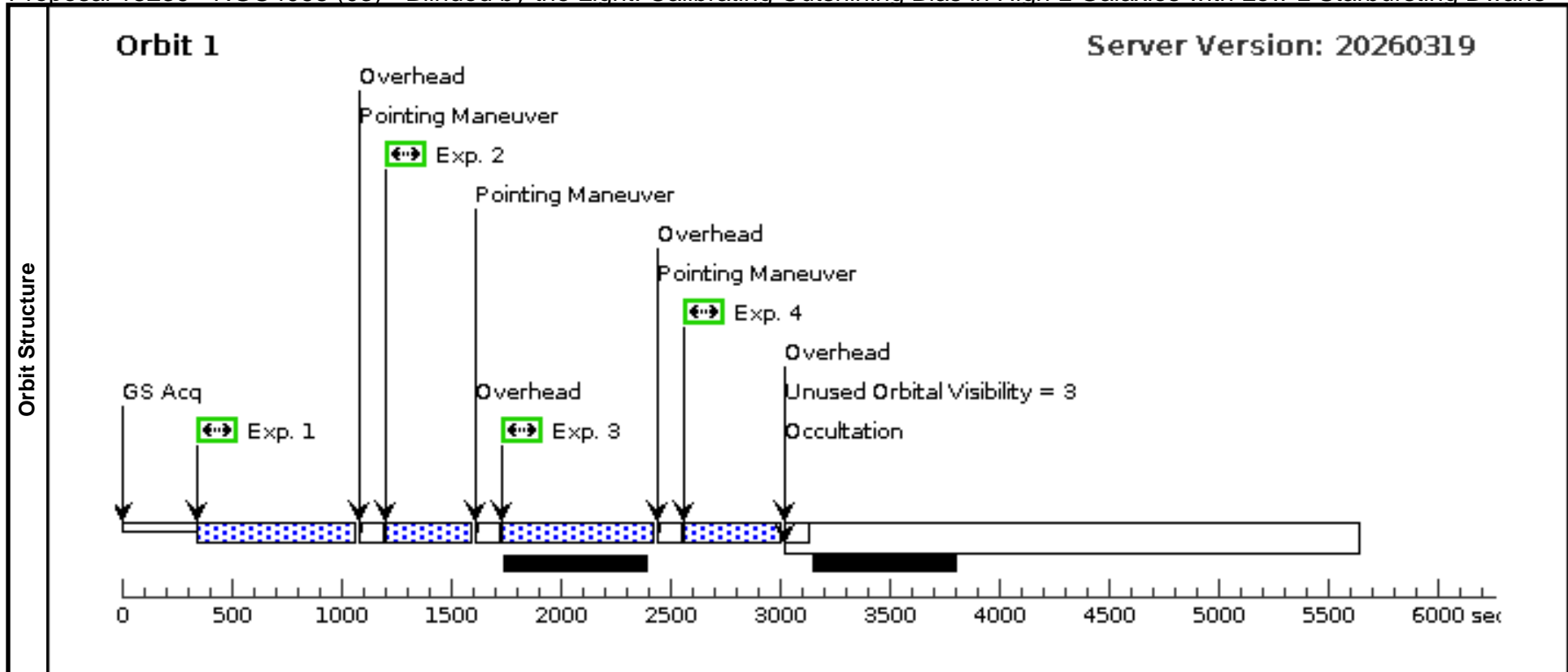
Visit	Proposal 18239, IC4662 (02), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: CVZ									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(2)	IC-4662	RA: 17 47 9.1920 (266.7883000d) Dec: -64 38 19.25 (-64.63868d) Equinox: J2000	Epoch of Position: 2000	V=11.1	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[STARBURST]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	IC4662-F47 5W-1	(2) IC-4662	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	FLASH=10; CR-SPLIT=NO	POS TARG 0,0		350 Secs (350 Secs) [==>]	[1]
	2	IC4662-F47 5W-2	(2) IC-4662	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	FLASH=10; CR-SPLIT=NO	POS TARG 0.092,0. 098		400 Secs (400 Secs) [==>]	[1]
	3	IC4662-F47 5W-3	(2) IC-4662	WFC3/UVIS, ACCUM, UVIS-CENTER	F475W	FLASH=20; CR-SPLIT=NO	POS TARG 0.185,0. 197		10 Secs (10 Secs) [==>]	[1]
	4	IC4662-F33 6W-1	(2) IC-4662	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	FLASH=15; CR-SPLIT=NO	POS TARG 0,0		700 Secs (700 Secs) [==>]	[1]
	5	IC4662-F27 5W-1	(2) IC-4662	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=18; CR-SPLIT=NO	POS TARG 0,0		350 Secs (350 Secs) [==>]	[1]
	6	IC4662-F33 6W-2	(2) IC-4662	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	FLASH=20; CR-SPLIT=NO	POS TARG 0.092,0. 098		100 Secs (100 Secs) [==>]	[1]
	7	IC4662-F27 5W-2	(2) IC-4662	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=20; CR-SPLIT=NO	POS TARG 0.092,0. 098		700 Secs (700 Secs) [==>]	[1]
	8	IC4662-F33 6W-3	(2) IC-4662	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	FLASH=18; CR-SPLIT=NO	POS TARG 0.185,0. 197		240 Secs (240 Secs) [==>]	[1]
	9	IC4662-F27 5W-3	(2) IC-4662	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=15; CR-SPLIT=NO	POS TARG 0.185,0. 197		700 Secs (700 Secs) [==>]	[1]

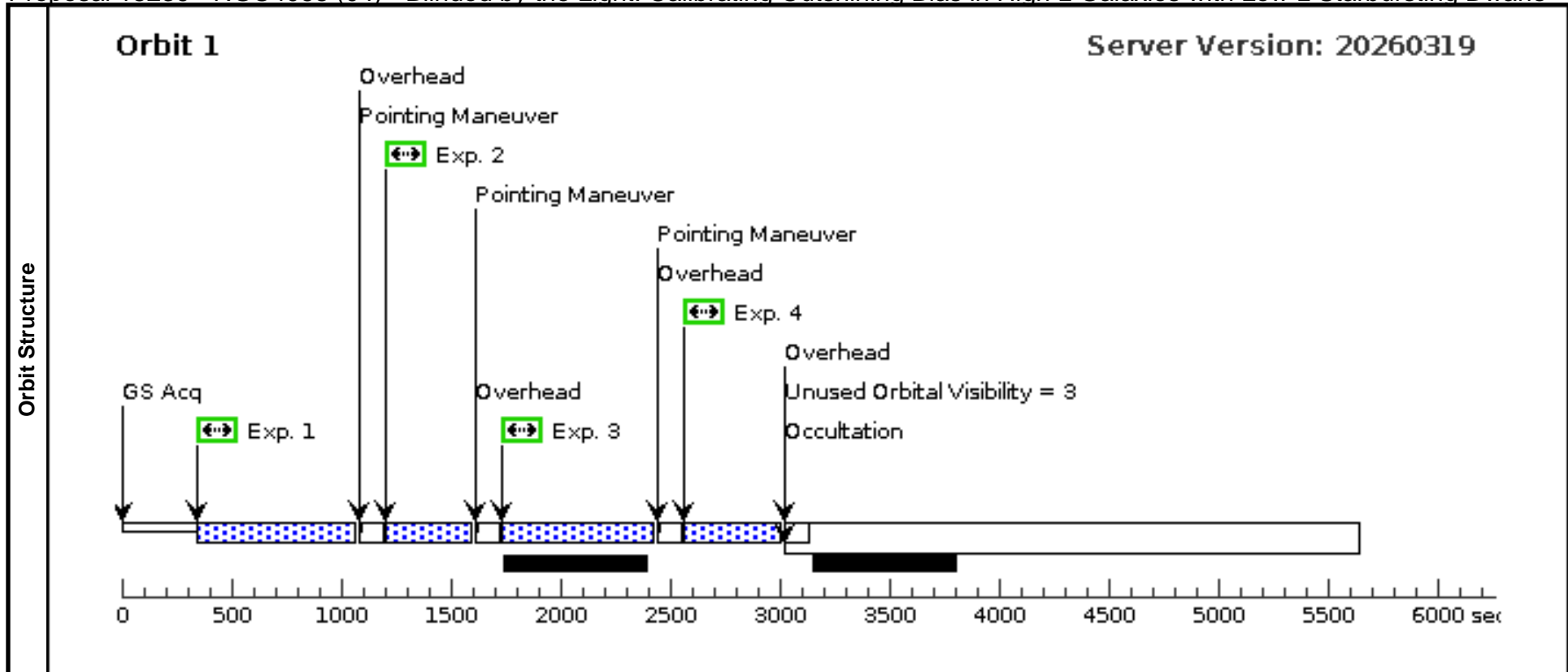


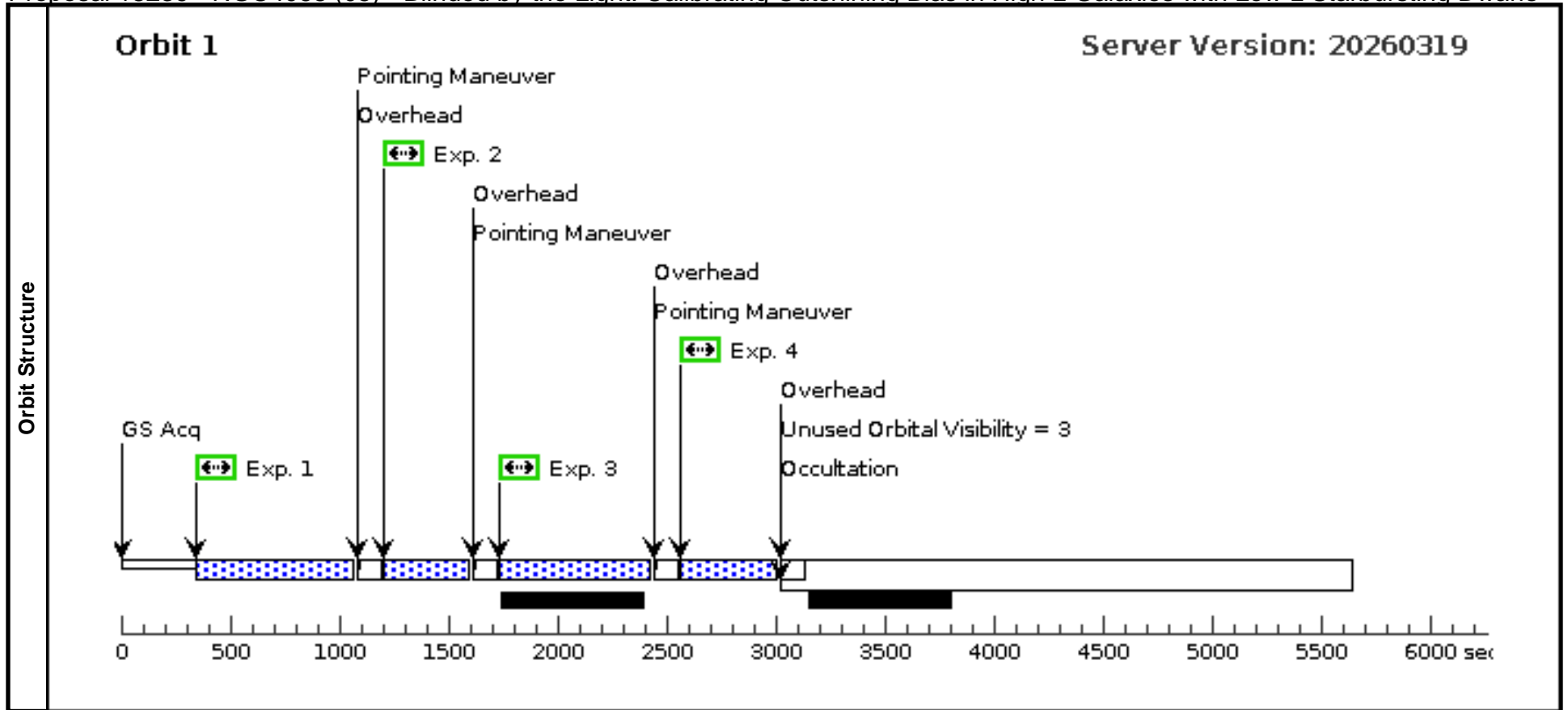
Proposal 18239 - NGC4068 (03) - Blinded by the Light: Calibrating Outshining Bias in High-z Galaxies with Low-z Starbursting Dwarfs

Fri May 29 13:00:21 GMT 2026

Visit	Proposal 18239, NGC4068 (03), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(3)	NGC-4068	RA: 12 04 3.2650 (181.0136042d) Dec: +52 35 26.05 (52.59057d) Equinox: J2000	Epoch of Position: 2000	V=12.75	Reference Frame: ICRS				
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> <i>Category=GALAXY</i> <i>Description=[STARBURST]</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	N4068-F275 W-1	(3) NGC-4068	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=20; CR-SPLIT=NO	POS TARG 0,0		700 Secs (692 Secs) [=>692.0 Secs]	[1]
	2	N4068-F275 W-2	(3) NGC-4068	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=20; CR-SPLIT=NO	POS TARG 0.158,0.070		400 Secs (392 Secs) [=>392.0 Secs]	[1]
	3	N4068-F275 W-3	(3) NGC-4068	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=20; CR-SPLIT=NO	POS TARG 0.099,0.165		700 Secs (692 Secs) [=>692.0 Secs]	[1]
	4	N4068-F275 W-4	(3) NGC-4068	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	FLASH=20; CR-SPLIT=NO	POS TARG -0.060,0.095		450 Secs (442 Secs) [=>442.0 Secs]	[1]



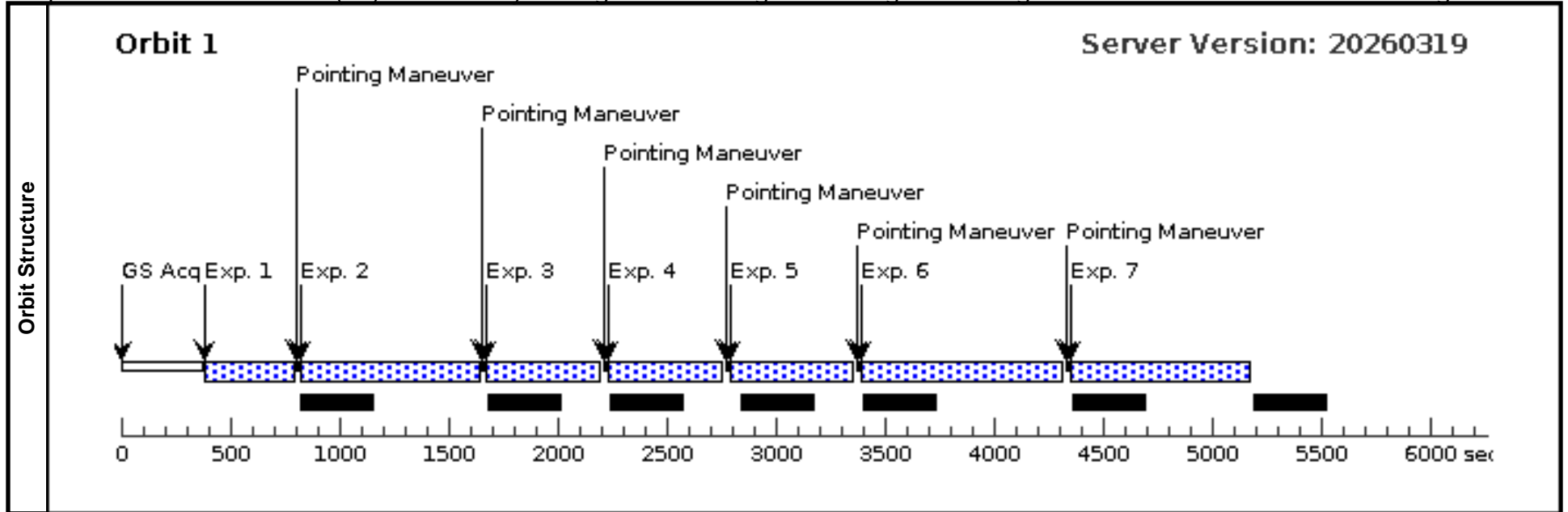




Proposal 18239 - NGC4068 (06) - Blinded by the Light: Calibrating Outshining Bias in High-z Galaxies with Low-z Starbursting Dwarfs

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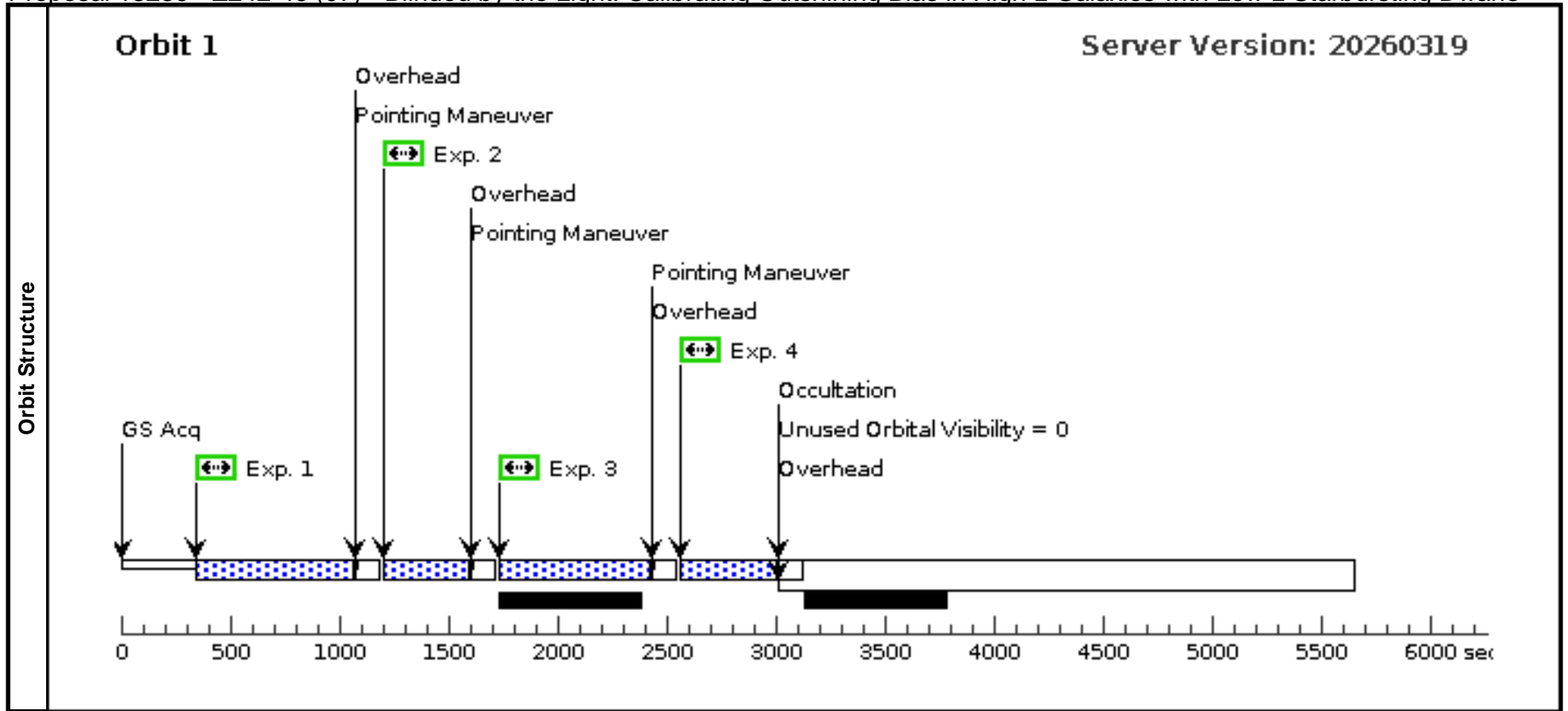
Visit	Proposal 18239, NGC4068 (06), implementation Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: CVZ									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(3)	NGC-4068	RA: 12 04 3.2650 (181.0136042d) Dec: +52 35 26.05 (52.59057d) Equinox: J2000	Epoch of Position: 2000	V=12.75	Reference Frame: ICRS				
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[STARBURST]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	N4068-F475 W-1	(3) NGC-4068	ACS/WFC, ACCUM, WFCENTER	F475W		POS TARG 0,0		200 Secs (200 Secs) [==>]	[1]
	2	N4068-F475 W-2	(3) NGC-4068	ACS/WFC, ACCUM, WFCENTER	F475W		POS TARG 0.247,0.093		700 Secs (700 Secs) [==>]	[1]
	3	N4068-F475 W-3	(3) NGC-4068	ACS/WFC, ACCUM, WFCENTER	F475W		POS TARG 0.123,0.232		400 Secs (400 Secs) [==>]	[1]
	4	N4068-F475 W-4	(3) NGC-4068	ACS/WFC, ACCUM, WFCENTER	F475W		POS TARG -0.123,0.139		400 Secs (400 Secs) [==>]	[1]
	5	N4068-F814 W-1	(3) NGC-4068	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0,0		400 Secs (400 Secs) [==>]	[1]
	6	N4068-F814 W-2	(3) NGC-4068	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.247,2.984		800 Secs (800 Secs) [==>]	[1]
	7	N4068-F814 W-3	(3) NGC-4068	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.494 ,5.968		700 Secs (700 Secs) [==>]	[1]



Proposal 18239 - Z242-46 (07) - Blinded by the Light: Calibrating Outshining Bias in High-z Galaxies with Low-z Starbursting Dwarfs

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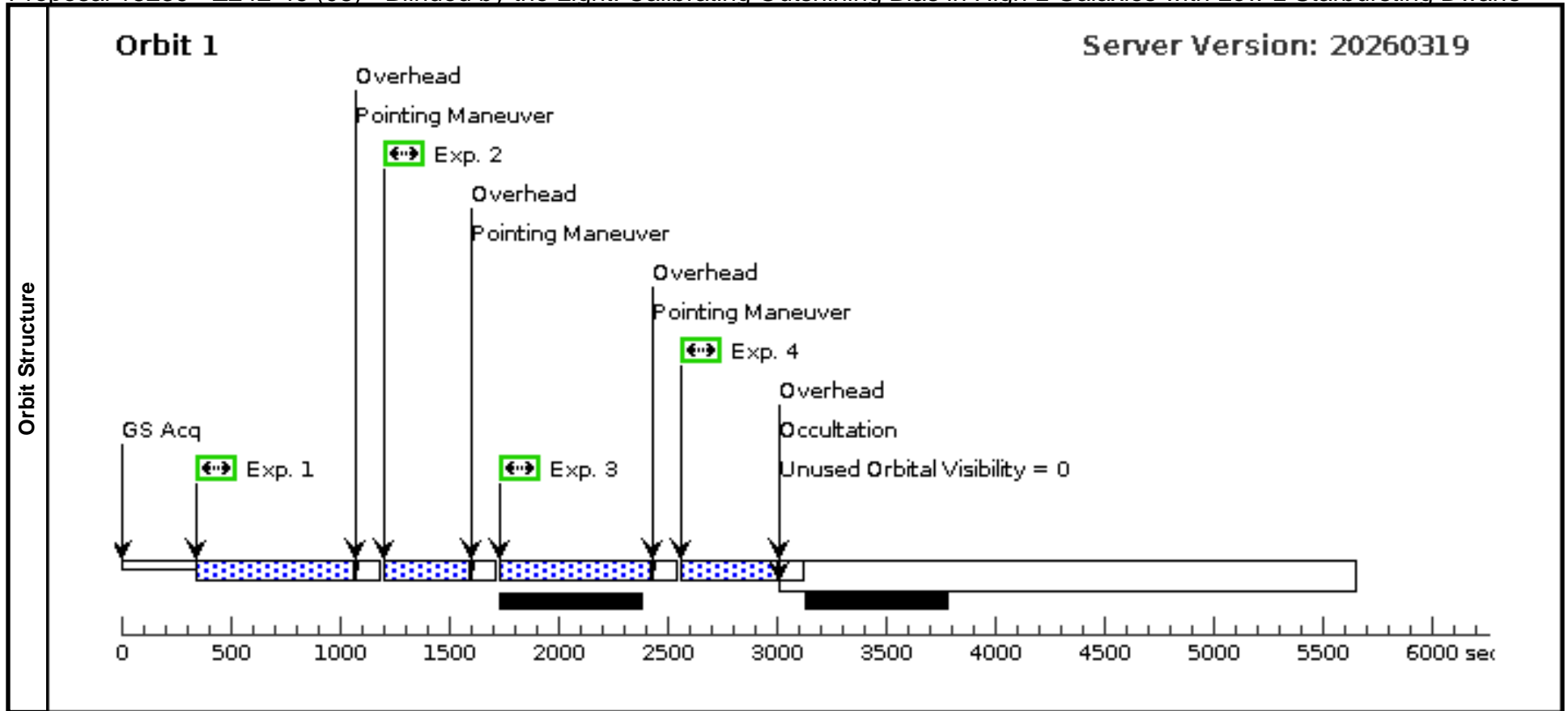
Visit	Proposal 18239, Z242-46 (07), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(4)	Z-242-46 Alt Name1: MRK178	RA: 11 33 29.1200 (173.3713333d) Dec: +49 14 17.40 (49.23817d) Equinox: J2000	Epoch of Position: 2000	V=14.25	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[STARBURST]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Mrk178-F27 5W-1	(4) Z-242-46	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=20; CR-SPLIT=NO	POS TARG 0,0		700 Secs (689 Secs) [=>689.0 Secs]	[1]
	2	Mrk178-F27 5W-2	(4) Z-242-46	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=20; CR-SPLIT=NO	POS TARG 0.158,0. 070		400 Secs (389 Secs) [=>389.0 Secs]	[1]
	3	Mrk178-F27 5W-3	(4) Z-242-46	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=20; CR-SPLIT=NO	POS TARG 0.099,0. 165		700 Secs (689 Secs) [=>689.0 Secs]	[1]
	4	Mrk178-F27 5W-4	(4) Z-242-46	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=20; CR-SPLIT=NO	POS TARG -0.060,0 .095		450 Secs (439 Secs) [=>439.0 Secs]	[1]



Proposal 18239 - Z242-46 (08) - Blinded by the Light: Calibrating Outshining Bias in High-z Galaxies with Low-z Starbursting Dwarfs

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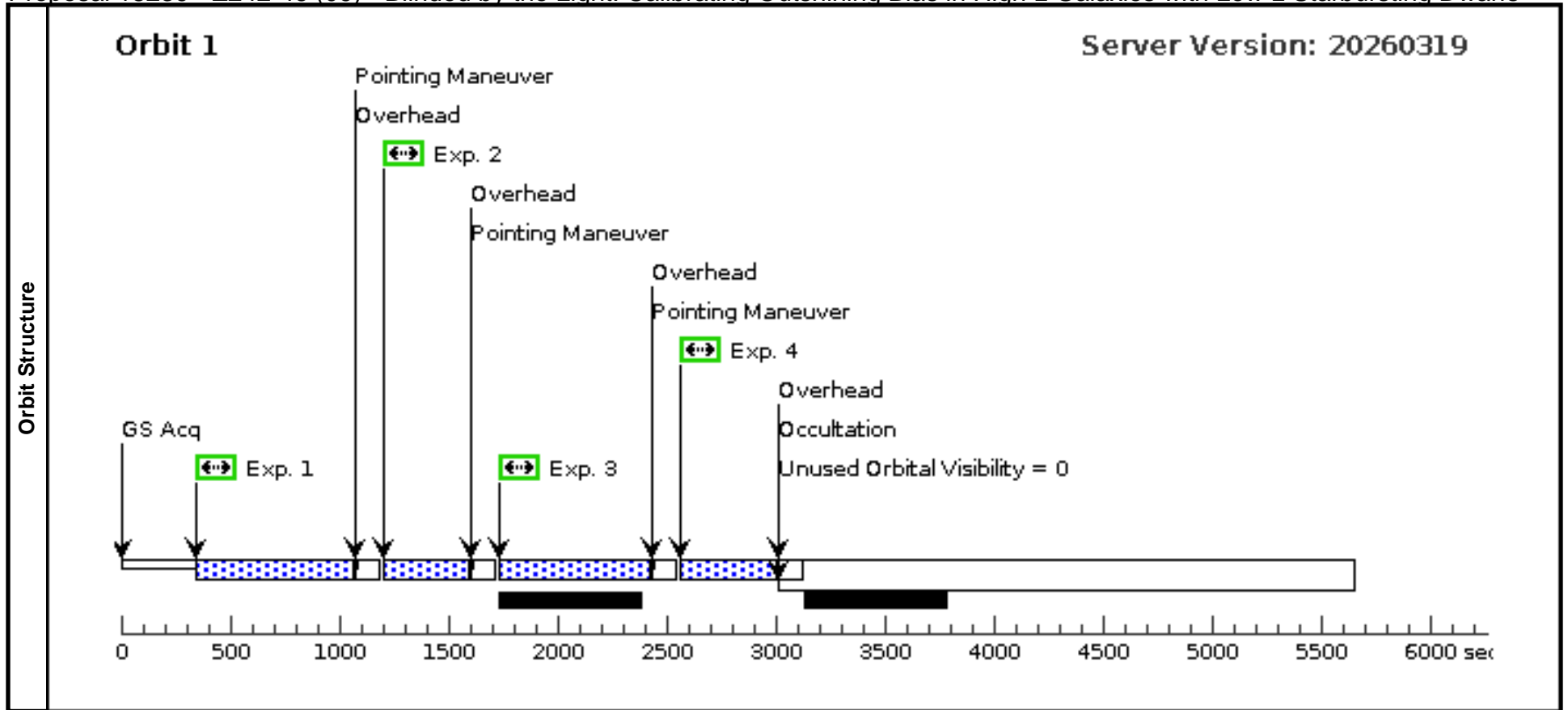
Visit	Proposal 18239, Z242-46 (08), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: SAME ORIENT AS 07									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(4)	Z-242-46 Alt Name1: MRK178	RA: 11 33 29.1200 (173.3713333d) Dec: +49 14 17.40 (49.23817d) Equinox: J2000	Epoch of Position: 2000	V=14.25	Reference Frame: ICRS				
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[STARBURST]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Mrk178-F27 5W-1	(4) Z-242-46	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=20; CR-SPLIT=NO	POS TARG 0,0		700 Secs (689 Secs) [=>689.0 Secs]	[1]
	2	Mrk178-F27 5W-2	(4) Z-242-46	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=20; CR-SPLIT=NO	POS TARG 0.158,0. 070		400 Secs (389 Secs) [=>389.0 Secs]	[1]
	3	Mrk178-F27 5W-3	(4) Z-242-46	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=20; CR-SPLIT=NO	POS TARG 0.099,0. 165		700 Secs (689 Secs) [=>689.0 Secs]	[1]
	4	Mrk178-F27 5W-4	(4) Z-242-46	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=20; CR-SPLIT=NO	POS TARG -0.060,0 .095		450 Secs (439 Secs) [=>439.0 Secs]	[1]



Proposal 18239 - Z242-46 (09) - Blinded by the Light: Calibrating Outshining Bias in High-z Galaxies with Low-z Starbursting Dwarfs

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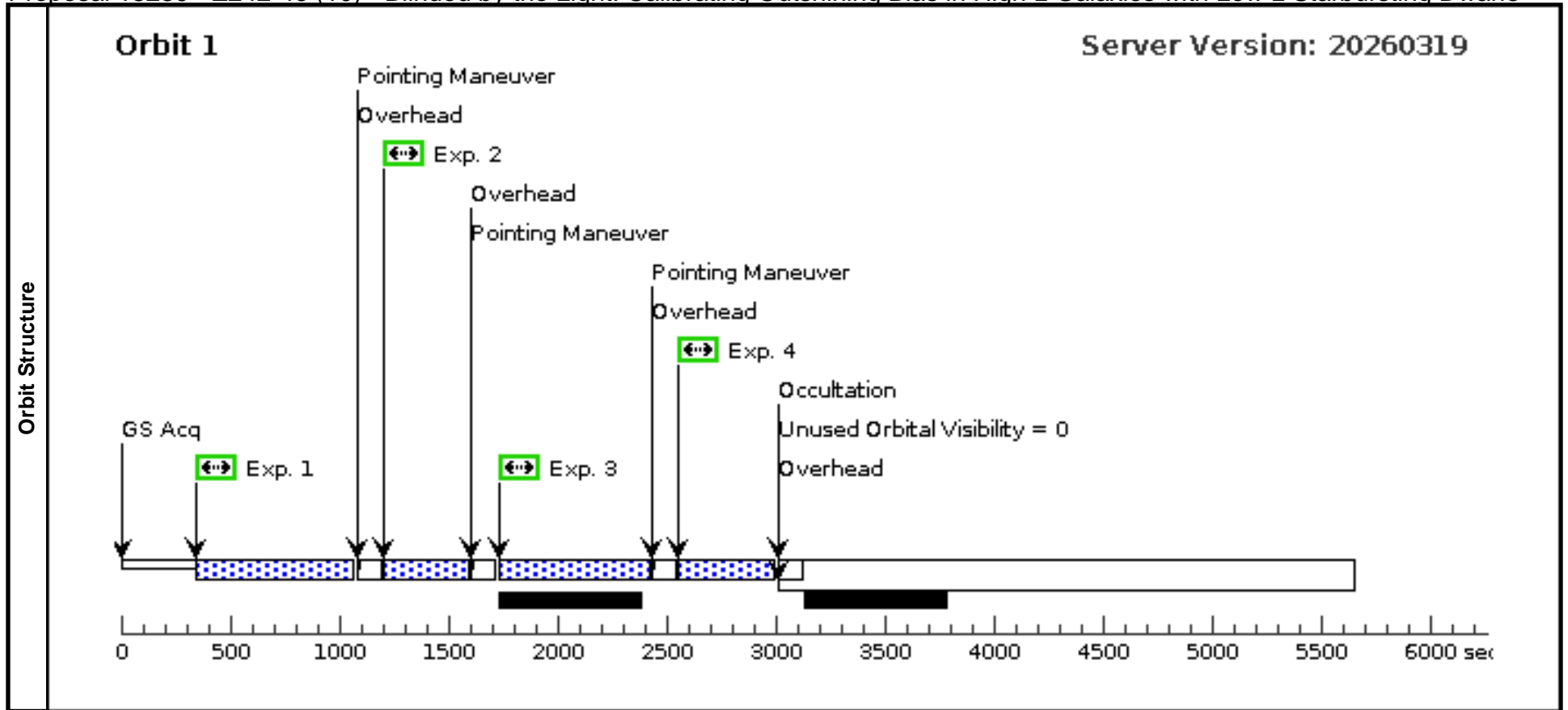
Visit	Proposal 18239, Z242-46 (09), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: SAME ORIENT AS 07									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(4)	Z-242-46 Alt Name1: MRK178	RA: 11 33 29.1200 (173.3713333d) Dec: +49 14 17.40 (49.23817d) Equinox: J2000	Epoch of Position: 2000	V=14.25	Reference Frame: ICRS				
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[STARBURST]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Mrk178-F33 6W-1	(4) Z-242-46	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=20; CR-SPLIT=NO	POS TARG 0,0		700 Secs (689 Secs) [=>689.0 Secs]	[1]
	2	Mrk178-F33 6W-2	(4) Z-242-46	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=20; CR-SPLIT=NO	POS TARG 0.158,0. 070		400 Secs (389 Secs) [=>389.0 Secs]	[1]
	3	Mrk178-F33 6W-3	(4) Z-242-46	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=20; CR-SPLIT=NO	POS TARG 0.099,0. 165		700 Secs (689 Secs) [=>689.0 Secs]	[1]
	4	Mrk178-F33 6W-4	(4) Z-242-46	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=20; CR-SPLIT=NO	POS TARG -0.060,0 .095		450 Secs (439 Secs) [=>439.0 Secs]	[1]



Proposal 18239 - Z242-46 (10) - Blinded by the Light: Calibrating Outshining Bias in High-z Galaxies with Low-z Starbursting Dwarfs

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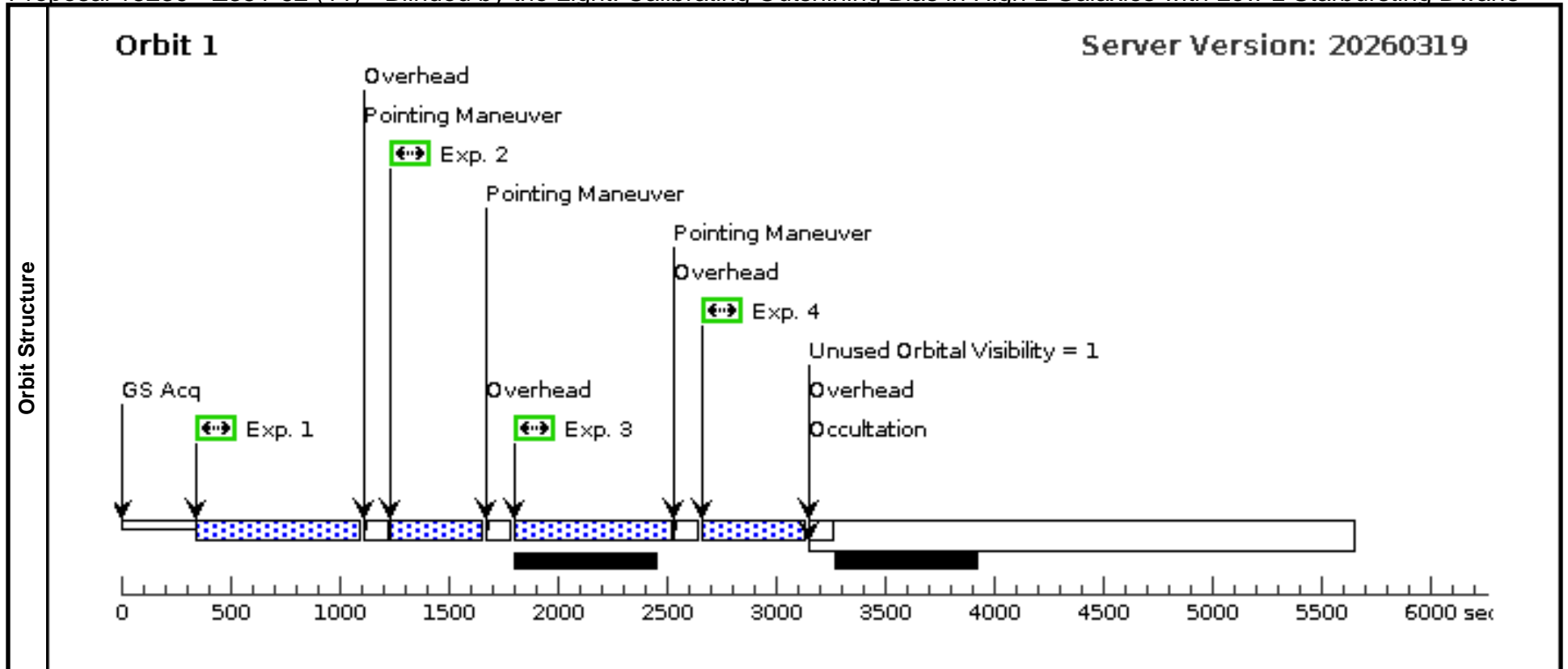
Visit	Proposal 18239, Z242-46 (10), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: SAME ORIENT AS 07									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(4)	Z-242-46	RA: 11 33 29.1200 (173.3713333d) Alt Name1: MRK178 Dec: +49 14 17.40 (49.23817d) Equinox: J2000	Epoch of Position: 2000	V=14.25	Reference Frame: ICRS				
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[STARBURST]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Mrk178-F47 5W-1	(4) Z-242-46	WFC3/UVIS, ACCUM, UVIS2	F475W	FLASH=10; CR-SPLIT=NO	POS TARG 0,0		700 Secs (692 Secs) [=>692.0 Secs]	[1]
	2	Mrk178-F47 5W-2	(4) Z-242-46	WFC3/UVIS, ACCUM, UVIS2	F475W	FLASH=10; CR-SPLIT=NO	POS TARG 0.158,0. 070		400 Secs (392 Secs) [=>392.0 Secs]	[1]
	3	Mrk178-F47 5W-3	(4) Z-242-46	WFC3/UVIS, ACCUM, UVIS2	F475W	FLASH=10; CR-SPLIT=NO	POS TARG 0.099,0. 165		700 Secs (692 Secs) [=>692.0 Secs]	[1]
	4	Mrk178-F47 5W-4	(4) Z-242-46	WFC3/UVIS, ACCUM, UVIS2	F475W	FLASH=10; CR-SPLIT=NO	POS TARG -0.060,0 .095		450 Secs (442 Secs) [=>442.0 Secs]	[1]



Proposal 18239 - Z351-62 (11) - Blinded by the Light: Calibrating Outshining Bias in High-z Galaxies with Low-z Starbursting Dwarfs

Fri May 29 13:00:21 GMT 2026

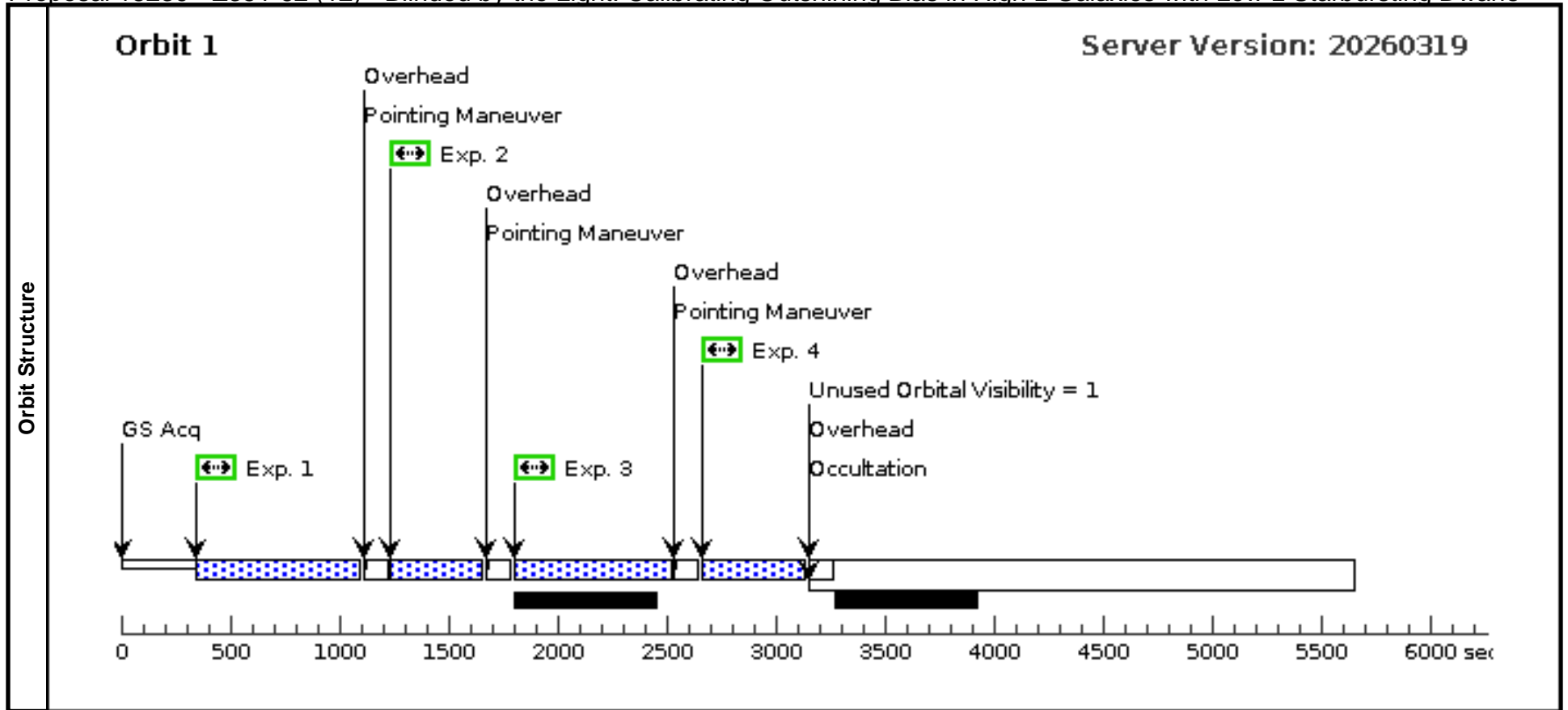
Visit	Proposal 18239, Z351-62 (11), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(5)	Z-351-62 Alt Name1: UGC6456	RA: 11 27 59.9000 (171.9995833d) Dec: +78 59 39.00 (78.99417d) Equinox: J2000	Epoch of Position: 2000	V=14	Reference Frame: ICRS				
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[STARBURST]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	U6456-F275 W-1	(5) Z-351-62	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=20; CR-SPLIT=NO	POS TARG 0,0		700 Secs (724 Secs) [=>724.0 Secs]	[1]
	2	U6456-F275 W-2	(5) Z-351-62	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=20; CR-SPLIT=NO	POS TARG 0.158,0.070		400 Secs (424 Secs) [=>424.0 Secs]	[1]
	3	U6456-F275 W-3	(5) Z-351-62	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=20; CR-SPLIT=NO	POS TARG 0.099,0.165		700 Secs (724 Secs) [=>724.0 Secs]	[1]
	4	U6456-F275 W-4	(5) Z-351-62	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=20; CR-SPLIT=NO	POS TARG -0.060,0.095		450 Secs (474 Secs) [=>474.0 Secs]	[1]



Proposal 18239 - Z351-62 (12) - Blinded by the Light: Calibrating Outshining Bias in High-z Galaxies with Low-z Starbursting Dwarfs

Fri May 29 13:00:21 GMT 2026

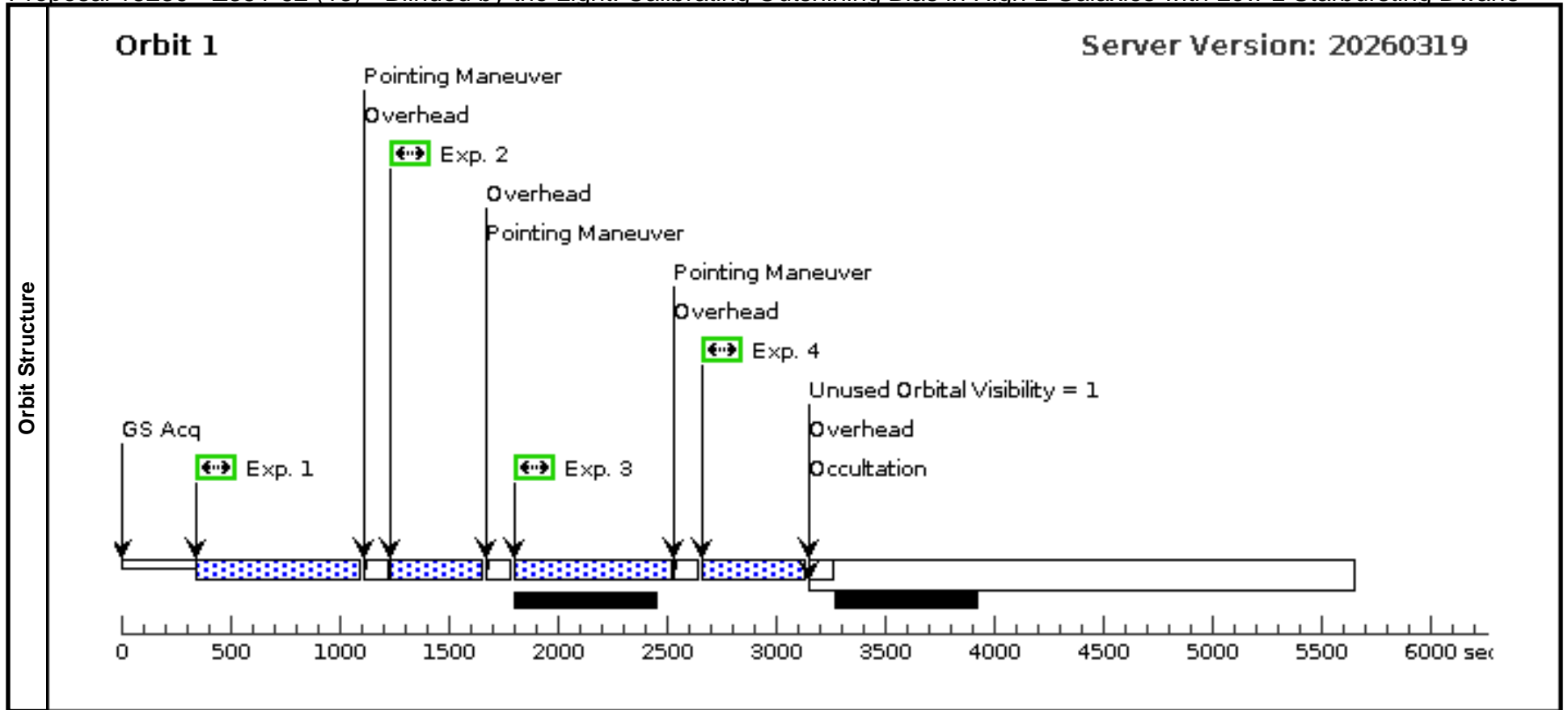
Visit	Proposal 18239, Z351-62 (12), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: SAME ORIENT AS 11																																																		
	Fixed Targets	# Name Target Coordinates Targ. Coord. Corrections Fluxes Miscellaneous (5) Z-351-62 RA: 11 27 59.9000 (171.9995833d) Epoch of Position: 2000 V=14 Reference Frame: ICRS Alt Name1: UGC6456 Dec: +78 59 39.00 (78.99417d) Equinox: J2000 <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> <i>Category=GALAXY</i> <i>Description=[STARBURST]</i>																																																	
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>U6456-F275 W-1</td> <td>(5) Z-351-62</td> <td>WFC3/UVIS, ACCUM, UVIS2</td> <td>F275W</td> <td>FLASH=20; CR-SPLIT=NO</td> <td>POS TARG 0,0</td> <td></td> <td>700 Secs (724 Secs) [=>724.0 Secs]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>U6456-F275 W-2</td> <td>(5) Z-351-62</td> <td>WFC3/UVIS, ACCUM, UVIS2</td> <td>F275W</td> <td>FLASH=20; CR-SPLIT=NO</td> <td>POS TARG 0.158,0.070</td> <td></td> <td>400 Secs (424 Secs) [=>424.0 Secs]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>U6456-F275 W-3</td> <td>(5) Z-351-62</td> <td>WFC3/UVIS, ACCUM, UVIS2</td> <td>F275W</td> <td>FLASH=20; CR-SPLIT=NO</td> <td>POS TARG 0.099,0.165</td> <td></td> <td>700 Secs (724 Secs) [=>724.0 Secs]</td> <td>[1]</td> </tr> <tr> <td>4</td> <td>U6456-F275 W-4</td> <td>(5) Z-351-62</td> <td>WFC3/UVIS, ACCUM, UVIS2</td> <td>F275W</td> <td>FLASH=20; CR-SPLIT=NO</td> <td>POS TARG -0.060,0.095</td> <td></td> <td>450 Secs (474 Secs) [=>474.0 Secs]</td> <td>[1]</td> </tr> </tbody> </table>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1	U6456-F275 W-1	(5) Z-351-62	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=20; CR-SPLIT=NO	POS TARG 0,0		700 Secs (724 Secs) [=>724.0 Secs]	[1]	2	U6456-F275 W-2	(5) Z-351-62	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=20; CR-SPLIT=NO	POS TARG 0.158,0.070		400 Secs (424 Secs) [=>424.0 Secs]	[1]	3	U6456-F275 W-3	(5) Z-351-62	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=20; CR-SPLIT=NO	POS TARG 0.099,0.165		700 Secs (724 Secs) [=>724.0 Secs]	[1]	4	U6456-F275 W-4	(5) Z-351-62	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=20; CR-SPLIT=NO	POS TARG -0.060,0.095		450 Secs (474 Secs) [=>474.0 Secs]	[1]
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																																										
1	U6456-F275 W-1	(5) Z-351-62	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=20; CR-SPLIT=NO	POS TARG 0,0		700 Secs (724 Secs) [=>724.0 Secs]	[1]																																										
2	U6456-F275 W-2	(5) Z-351-62	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=20; CR-SPLIT=NO	POS TARG 0.158,0.070		400 Secs (424 Secs) [=>424.0 Secs]	[1]																																										
3	U6456-F275 W-3	(5) Z-351-62	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=20; CR-SPLIT=NO	POS TARG 0.099,0.165		700 Secs (724 Secs) [=>724.0 Secs]	[1]																																										
4	U6456-F275 W-4	(5) Z-351-62	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=20; CR-SPLIT=NO	POS TARG -0.060,0.095		450 Secs (474 Secs) [=>474.0 Secs]	[1]																																										



Proposal 18239 - Z351-62 (13) - Blinded by the Light: Calibrating Outshining Bias in High-z Galaxies with Low-z Starbursting Dwarfs

Fri May 29 13:00:21 GMT 2026

Visit	Proposal 18239, Z351-62 (13), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: SAME ORIENT AS 11									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(5)	Z-351-62 Alt Name1: UGC6456	RA: 11 27 59.9000 (171.9995833d) Dec: +78 59 39.00 (78.99417d) Equinox: J2000	Epoch of Position: 2000	V=14	Reference Frame: ICRS				
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[STARBURST]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	U6456-F336 W-1	(5) Z-351-62	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=20; CR-SPLIT=NO	POS TARG 0,0		700 Secs (724 Secs) [=>724.0 Secs]	[1]
	2	U6456-F336 W-2	(5) Z-351-62	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=20; CR-SPLIT=NO	POS TARG 0.158,0.070		400 Secs (424 Secs) [=>424.0 Secs]	[1]
	3	U6456-F336 W-3	(5) Z-351-62	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=20; CR-SPLIT=NO	POS TARG 0.099,0.165		700 Secs (724 Secs) [=>724.0 Secs]	[1]
	4	U6456-F336 W-4	(5) Z-351-62	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=20; CR-SPLIT=NO	POS TARG -0.060,0.095		450 Secs (474 Secs) [=>474.0 Secs]	[1]



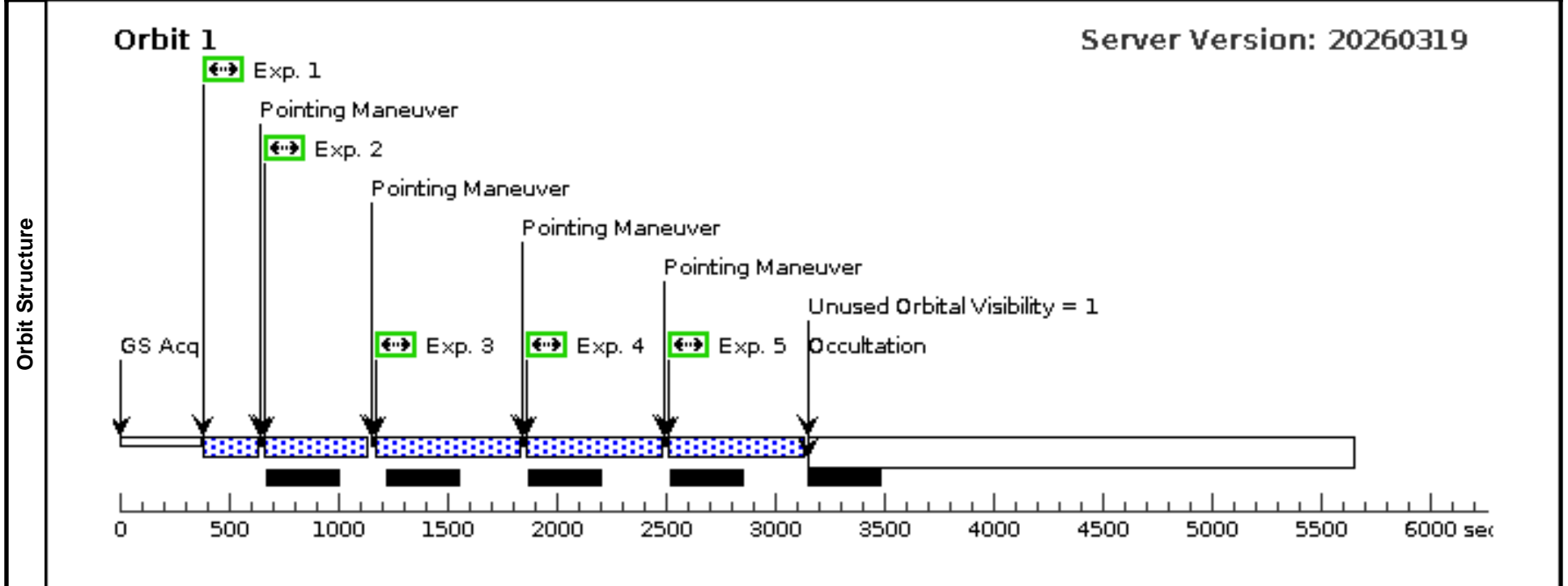
Proposal 18239 - Z351-62 (14) - Blinded by the Light: Calibrating Outshining Bias in High-z Galaxies with Low-z Starbursting Dwarfs

Fri May 29 13:00:21 GMT 2026

Visit	Proposal 18239, Z351-62 (14), implementation				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: ACS/WFC				
	Special Requirements: (none)				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(5)	Z-351-62	RA: 11 27 59.9000 (171.9995833d) Dec: +78 59 39.00 (78.99417d) Equinox: J2000	Epoch of Position: 2000	V=14	Reference Frame: ICRS
	Alt Name1: UGC6456 Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[STARBURST]					

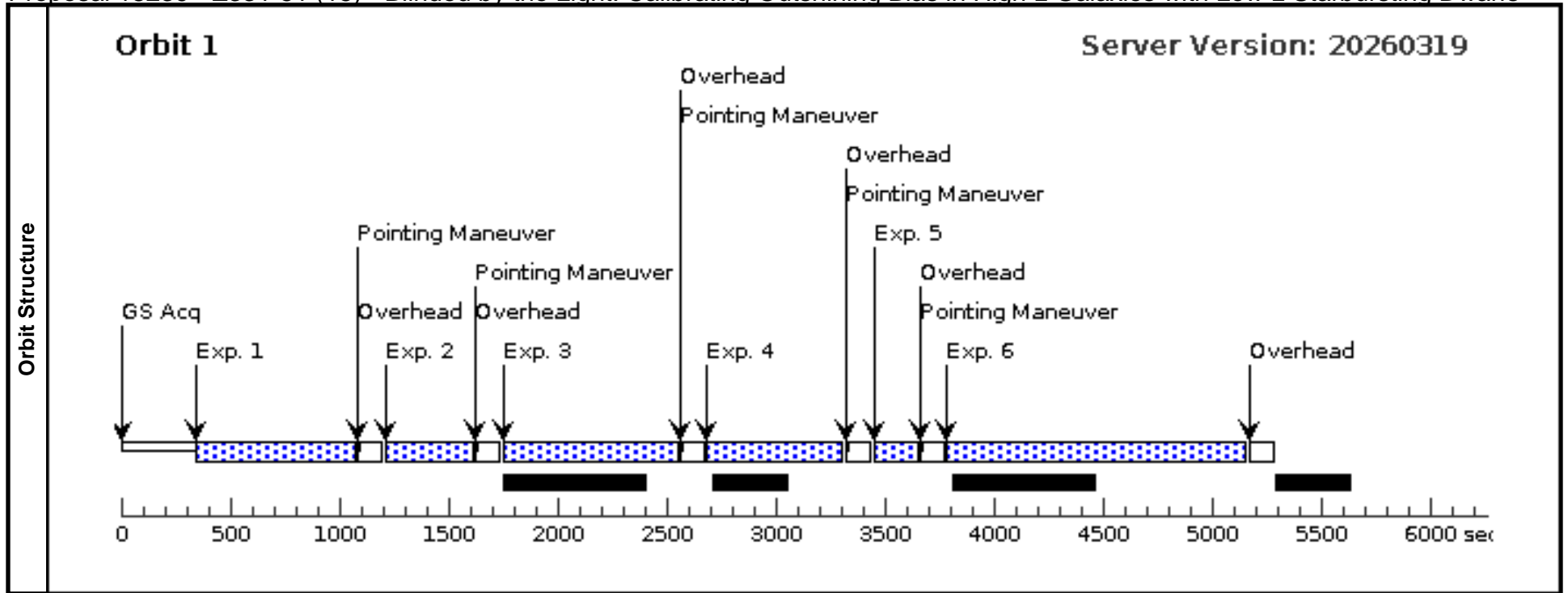
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	U6456-F814 W-1	(5) Z-351-62	ACS/WFC, ACCUM, WFC1	F814W		POS TARG 0,0		50 Secs (45 Secs) [=>45.0 Secs]	[1]
	2	U6456-F814 W-2	(5) Z-351-62	ACS/WFC, ACCUM, WFC1	F814W		POS TARG 0.099,0.107		350 Secs (345 Secs) [=>345.0 Secs]	[1]
	3	U6456-F475 W-1	(5) Z-351-62	ACS/WFC, ACCUM, WFC1	F475W		POS TARG 0,0		500 Secs (495 Secs) [=>495.0 Secs]	[1]
	4	U6456-F475 W-2	(5) Z-351-62	ACS/WFC, ACCUM, WFC1	F475W		POS TARG 0.115,0.125		500 Secs (495 Secs) [=>495.0 Secs]	[1]
	5	U6456-F475 W-3	(5) Z-351-62	ACS/WFC, ACCUM, WFC1	F475W		POS TARG 0.231,0.249		500 Secs (495 Secs) [=>495.0 Secs]	[1]



Proposal 18239 - Z331-51 (15) - Blinded by the Light: Calibrating Outshining Bias in High-z Galaxies with Low-z Starbursting Dwarfs

Fri May 29 13:00:21 GMT 2026

Visit	Proposal 18239, Z331-51 (15), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: CVZ									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(6)	Z-331-51	RA: 08 37 3.0000 (129.2625000d) Dec: +69 46 31.00 (69.77528d) Equinox: J2000	Epoch of Position: 2000	V=14.98	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[STARBURST]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	U4483-F275 W-1	(6) Z-331-51	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=15; CR-SPLIT=NO	POS TARG 0,0		700 Secs (700 Secs) [==>]	[1]
	2	U4483-F275 W-2	(6) Z-331-51	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=20; CR-SPLIT=NO	POS TARG 0.158,0.070		400 Secs (400 Secs) [==>]	[1]
	3	U4483-F275 W-3	(6) Z-331-51	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=15; CR-SPLIT=NO	POS TARG 0.099,0.165		800 Secs (800 Secs) [==>]	[1]
	4	U4483-F336 W-1	(6) Z-331-51	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18; CR-SPLIT=NO	POS TARG 0,0		600 Secs (600 Secs) [==>]	[1]
	5	U4483-F336 W-2	(6) Z-331-51	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18; CR-SPLIT=NO	POS TARG 0.099,0.106		200 Secs (200 Secs) [==>]	[1]
	6	U4483-F275 W-4	(6) Z-331-51	WFC3/UVIS, ACCUM, UVIS2	F275W	FLASH=18; CR-SPLIT=NO	POS TARG -0.060,0.095		1350 Secs (1350 Secs) [==>]	[1]



Proposal 18239 - Z331-51 (16) - Blinded by the Light: Calibrating Outshining Bias in High-z Galaxies with Low-z Starbursting Dwarfs

Fri May 29 13:00:21 GMT 2026

Visit	Proposal 18239, Z331-51 (16), implementation				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: WFC3/UVIS				
	Special Requirements: CVZ; SAME ORIENT AS 15				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(6)	Z-331-51	RA: 08 37 3.0000 (129.2625000d) Dec: +69 46 31.00 (69.77528d) Equinox: J2000	Epoch of Position: 2000	V=14.98	Reference Frame: ICRS
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[STARBURST]					

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	U4483-F475 W-1	(6) Z-331-51	WFC3/UVIS, ACCUM, UVIS2	F475W	FLASH=10; CR-SPLIT=NO	POS TARG 0,0		700 Secs (700 Secs) [==>]	[1]
	2	U4483-F475 W-2	(6) Z-331-51	WFC3/UVIS, ACCUM, UVIS2	F475W	FLASH=10; CR-SPLIT=NO	POS TARG 0.158,0.070		400 Secs (400 Secs) [==>]	[1]
	3	U4483-F475 W-3	(6) Z-331-51	WFC3/UVIS, ACCUM, UVIS2	F475W	FLASH=5; CR-SPLIT=NO	POS TARG 0.099,0.165		800 Secs (800 Secs) [==>]	[1]
	4	U4483-F336 W-1	(6) Z-331-51	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18; CR-SPLIT=NO	POS TARG 0,0		800 Secs (800 Secs) [==>]	[1]
	5	U4483-F336 W-2	(6) Z-331-51	WFC3/UVIS, ACCUM, UVIS2	F336W	FLASH=18; CR-SPLIT=NO	POS TARG 0.099,0.106		500 Secs (500 Secs) [==>]	[1]
	6	U4483-F475 W-4	(6) Z-331-51	WFC3/UVIS, ACCUM, UVIS2	F475W	CR-SPLIT=NO	POS TARG -0.060,0.095		850 Secs (850 Secs) [==>]	[1]

