



15163 - COS Ultraviolet Baryon Survey (CUBS)

Cycle: 25, 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?
I1	(9) J035721.92-481215.2 ANY	COS/FUV COS/NUV WFC3/IR	4	26-Feb-2019 18:01:05.0	yes
I2	(9) J035721.92-481215.2 ANY	COS/FUV COS/NUV WFC3/IR	4	26-Feb-2019 18:01:09.0	yes
I5	(9) J035721.92-481215.2 ANY	COS/FUV COS/NUV WFC3/IR	4	26-Feb-2019 18:01:12.0	yes
I6	(9) J035721.92-481215.2 ANY	COS/FUV COS/NUV WFC3/IR	4	26-Feb-2019 18:01:16.0	yes
I3	(9) J035721.92-481215.2 ANY	COS/FUV COS/NUV WFC3/IR	4	26-Feb-2019 18:01:20.0	yes
I7	(9) J035721.92-481215.2 ANY	COS/FUV COS/NUV WFC3/IR	2	26-Feb-2019 18:01:22.0	yes
I4	(9) J035721.92-481215.2 ANY	COS/FUV COS/NUV WFC3/IR	4	26-Feb-2019 18:01:24.0	yes
J1	(10) J042054.00-565044.0 ANY	COS/FUV COS/NUV WFC3/IR	4	26-Feb-2019 18:01:27.0	yes
J2	(10) J042054.00-565044.0 ANY	COS/FUV COS/NUV WFC3/IR	3	26-Feb-2019 18:01:30.0	yes

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
J3	(10) J042054.00-565044.0 ANY	COS/FUV COS/NUV WFC3/IR	4	26-Feb-2019 18:01:33.0	yes
J4	(10) J042054.00-565044.0 ANY	COS/FUV COS/NUV WFC3/IR	4	26-Feb-2019 18:01:37.0	yes
B1	(2) J011035.51-164827.7 ANY	COS/FUV COS/NUV WFC3/IR	4	26-Feb-2019 18:01:40.0	yes
B2	(2) J011035.51-164827.7 ANY	COS/FUV COS/NUV WFC3/IR	3	26-Feb-2019 18:01:43.0	yes
B3	(2) J011035.51-164827.7 ANY	COS/FUV COS/NUV WFC3/IR	4	26-Feb-2019 18:01:46.0	yes
B4	(2) J011035.51-164827.7 ANY	COS/FUV COS/NUV WFC3/IR	3	26-Feb-2019 18:01:49.0	yes
A1	(1) J002830.40-330549.0 ANY	COS/FUV COS/NUV WFC3/IR	4	26-Feb-2019 18:01:52.0	yes
A4	(1) J002830.40-330549.0 ANY	COS/FUV COS/NUV WFC3/IR	2	26-Feb-2019 18:01:56.0	yes
A2	(1) J002830.40-330549.0 ANY	COS/FUV COS/NUV WFC3/IR	4	26-Feb-2019 18:01:59.0	yes

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
A3	(1) J002830.40-330549.0 ANY	COS/FUV COS/NUV WFC3/IR	4	26-Feb-2019 18:02:02.0	yes
L1	(12) J224500.21-493148.5 ANY	COS/FUV COS/NUV WFC3/IR	4	26-Feb-2019 18:02:06.0	yes
L2	(12) J224500.21-493148.5 ANY	COS/FUV COS/NUV WFC3/IR	4	26-Feb-2019 18:02:09.0	yes
L3	(12) J224500.21-493148.5 ANY	COS/FUV COS/NUV WFC3/IR	4	26-Feb-2019 18:02:12.0	yes
H1	(8) J033307.00-410202.0 ANY	COS/FUV COS/NUV WFC3/IR	4	26-Feb-2019 18:02:16.0	yes
H2	(8) J033307.00-410202.0 ANY	COS/FUV COS/NUV WFC3/IR	4	26-Feb-2019 18:02:19.0	yes
H3	(8) J033307.00-410202.0 ANY	COS/FUV COS/NUV WFC3/IR	3	26-Feb-2019 18:02:22.0	yes
F1	(6) J015454.68-071222.2 ANY	COS/FUV COS/NUV WFC3/IR	4	26-Feb-2019 18:02:25.0	yes
F2	(6) J015454.68-071222.2 ANY	COS/FUV COS/NUV WFC3/IR	3	26-Feb-2019 18:02:28.0	yes

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
F3	(6) J015454.68-071222.2 ANY	COS/FUV COS/NUV WFC3/IR	3	26-Feb-2019 18:02:31.0	yes
E1	(5) J011956.00-201022.0 ANY	COS/FUV COS/NUV WFC3/IR	4	26-Feb-2019 18:02:36.0	yes
E2	(5) J011956.00-201022.0 ANY	COS/FUV COS/NUV WFC3/IR	4	26-Feb-2019 18:02:39.0	yes
E3	(5) J011956.00-201022.0 ANY	COS/FUV COS/NUV WFC3/IR	1	26-Feb-2019 18:02:41.0	yes
M1	(13) J213553.19-531655.7 ANY	COS/FUV COS/NUV WFC3/IR	3	26-Feb-2019 18:02:44.0	yes
M2	(13) J213553.19-531655.7 ANY	COS/FUV COS/NUV WFC3/IR	4	26-Feb-2019 18:02:48.0	yes
G1	(7) J024806.20-404835.0	COS/FUV COS/NUV	4	26-Feb-2019 18:02:52.0	yes
G2	(7) J024806.20-404835.0	COS/FUV COS/NUV	1	26-Feb-2019 18:02:54.0	yes
C1	(3) J011139.16-031610.8 ANY	COS/FUV COS/NUV WFC3/IR	4	26-Feb-2019 18:02:57.0	yes
C2	(3) J011139.16-031610.8 ANY	COS/FUV COS/NUV WFC3/IR	3	26-Feb-2019 18:02:59.0	yes

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
C3	(3) J011139.16-031610.8 ANY	COS/FUV COS/NUV WFC3/IR	4	26-Feb-2019 18:03:02.0	yes
C4	(3) J011139.16-031610.8 ANY	COS/FUV COS/NUV WFC3/IR	3	26-Feb-2019 18:03:05.0	yes
D1	(4) J011422.11-412947.7 ANY	COS/FUV COS/NUV WFC3/IR	4	26-Feb-2019 18:03:08.0	yes
D2	(4) J011422.11-412947.7 ANY	COS/FUV COS/NUV WFC3/IR	3	26-Feb-2019 18:03:11.0	yes
D3	(4) J011422.11-412947.7 ANY	COS/FUV COS/NUV WFC3/IR	4	26-Feb-2019 18:03:14.0	yes
D4	(4) J011422.11-412947.7 ANY	COS/FUV COS/NUV WFC3/IR	3	26-Feb-2019 18:03:17.0	yes
N1	(14) J230837.73-525848.5 ANY	COS/FUV COS/NUV WFC3/IR	4	26-Feb-2019 18:03:20.0	yes
N7	(14) J230837.73-525848.5 ANY	COS/FUV COS/NUV WFC3/IR	4	26-Feb-2019 18:03:23.0	yes
N8	(14) J230837.73-525848.5 ANY	COS/FUV COS/NUV WFC3/IR	4	26-Feb-2019 18:03:27.0	yes

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Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
N2	(14) J230837.73-525848.5 ANY	COS/FUV COS/NUV WFC3/IR	3	26-Feb-2019 18:03:29.0	yes
N5	(14) J230837.73-525848.5 ANY	COS/FUV COS/NUV WFC3/IR	3	26-Feb-2019 18:03:32.0	yes
N3	(14) J230837.73-525848.5 ANY	COS/FUV COS/NUV WFC3/IR	4	26-Feb-2019 18:03:35.0	yes
N6	(14) J230837.73-525848.5 ANY	COS/FUV COS/NUV WFC3/IR	4	26-Feb-2019 18:03:38.0	yes
N4	(14) J230837.73-525848.5 ANY	COS/FUV COS/NUV WFC3/IR	3	26-Feb-2019 18:03:41.0	yes
O1	(15) J233913.20-552350.1 ANY	COS/FUV COS/NUV WFC3/IR	4	26-Feb-2019 18:03:44.0	yes
O5	(15) J233913.20-552350.1 ANY	COS/FUV COS/NUV WFC3/IR	3	26-Feb-2019 18:03:48.0	yes
O2	(15) J233913.20-552350.1 ANY	COS/FUV COS/NUV WFC3/IR	3	26-Feb-2019 18:03:51.0	yes
O4	(15) J233913.20-552350.1 ANY	COS/FUV COS/NUV WFC3/IR	3	26-Feb-2019 18:03:54.0	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>
O6	(15) J233913.20-552350.1 ANY	COS/FUV COS/NUV WFC3/IR	3	26-Feb-2019 18:03:57.0	yes
O3	(15) J233913.20-552350.1 ANY	COS/FUV COS/NUV WFC3/IR	3	26-Feb-2019 18:03:59.0	yes
O7	(15) J233913.20-552350.1 ANY	COS/FUV COS/NUV WFC3/IR	3	26-Feb-2019 18:04:02.0	yes
K1	(11) J045415.95-611626.6 ANY	COS/FUV COS/NUV WFC3/IR	4	26-Feb-2019 18:04:06.0	yes
K2	(11) J045415.95-611626.6 ANY	COS/FUV COS/NUV WFC3/IR	4	26-Feb-2019 18:04:11.0	yes
K3	(11) J045415.95-611626.6 ANY	COS/FUV COS/NUV WFC3/IR	3	26-Feb-2019 18:04:14.0	yes
K4	(11) J045415.95-611626.6 ANY	COS/FUV COS/NUV WFC3/IR	2	26-Feb-2019 18:04:16.0	yes

215 Total Orbits Used

ABSTRACT

The cosmic star-formation-rate density declines rapidly from $z \sim 1.5$ to the present day. Observing the co-evolution of galaxies and their surrounding gas during this epoch provides key insights into how galaxy growth is regulated by accretion and outflows. We propose the COS Ultraviolet Baryon Survey (CUBS) project to map gas flows in and out of the circumgalactic medium at intermediate redshifts using absorption line spectroscopy of 15 QSOs at $z_{\text{qso}} = 0.8\text{--}1.3$. CUBS will bridge the gap between existing efforts at $z < 0.4$ and at $z \sim 2$, solidify a foundation for $z > 4$ studies in the JWST era, and greatly enhance HST's UV spectroscopic legacy with a three-fold increase in high-quality UV absorption spectra at $z_{\text{qso}} > 0.8$. Over the range of

$z=0.4-0.8$, absorption measurements of both low- and high-ions (i.e. C, O, Si, Ne), together with accurate measurements of HI column density from multiple Lyman series transitions, enable robust measurements of the ionization state and metallicity of the gas. All of the proposed QSOs are in the Dark Energy Survey, providing deep, multi-color images of the galactic environments of the absorption systems. We will obtain follow-up spectroscopy of the QSOs and complete spectroscopic redshift surveys of the galaxies in the foreground volume. CUBS will 1) provide a census of the chemical enrichment of the CGM/IGM over cosmic time, 2) assess its relationship to galaxies at various stages of evolution, and 3) inform and refine galactic feedback prescriptions in cosmological simulations. This project exploits a synergy between UV spectroscopy, parallel slitless grism spectroscopy, and ground-based wide-field survey data to advance our understanding of the cosmic evolution of baryonic structures.

OBSERVING DESCRIPTION

Summary of Program Goals:

We propose the COS Ultraviolet Baryon Survey (CUBS) program to map 'dark' baryonic structures in the crucial but unconstrained epoch between $z=0.4$ and $z\sim 2$, by combining absorption-line spectroscopy of 15 UV-bright QSOs at $z_{\text{QSO}} > \sim 0.8$ with matching deep galaxy survey data. The CUBS program consists of (1) a primary component that utilizes medium-resolution QSO absorption spectroscopy with the Cosmic Origins Spectrograph (COS) and the G130M and G160M gratings, and (2) a parallel component that utilizes slitless grism spectroscopy with the Wide Field Camera 3 (WFC3) and the G102 and G141 grisms. The primary goal is to construct an extensive map of the environmental, chemical, and physical properties of the dominant cosmic baryon reservoirs in intergalactic and circumgalactic space at intermediate redshifts, bridging the gap between existing efforts at $z < 0.4$ and at $z \sim 2$.

COS with the G130M and G160M gratings provides continuous spectral coverage from ~ 1140 Ang to ~ 1780 Ang for observing a wide range of ionic transitions at $z < 1$. These include the hydrogen Lyman-series transitions from Ly-beta onward to the Lyman-limit transition (LLS), and heavy element transitions such as CII 1036, CIII 977, OI 988, OII 834, OIII 832, OIV 787, OVI 1031, 1037, SiII 1190, 1193, SiIII 1206, NII 1083, NIII 989, and the NeVIII 770, 780 doublet. The full coverage of the HI Lyman series from combined G130M and G160M data enables precise and accurate measurements of neutral hydrogen column density $N(\text{HI})$. The relative abundances between different ions enable accurate estimates of the ionization state and metallicity of the gas.

To obtain a representative map of the dominant cosmic baryon reservoir at $z=0.4-0.8$, we define a targeted sample size such that (1) a statistically representative sample of ~ 100 galaxies of $0.1 L^* - L^*$ at $z=0.4-0.8$ can be established for a comprehensive study of the CGM and (2) a large redshift

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pathlength is reached for IGM metal-absorption lines surveys. We estimate that in 15 fields we will establish a sample of ~ 75 blue, star-forming and ~ 30 red, evolved galaxies over a wide range of luminosity at $z = 0.4 - 0.8$ and projected distances < 300 pkpc from the QSO sightlines. In addition, we will also be able to double the number of galaxies at $z = 0.2 - 0.4$ with constraints on their CGM properties. The QSO fields are selected blindly without prior knowledge of the line-of-sight absorption or galactic environment in order to avoid sample biases in favor of galaxy groups.

With a sample of 15 new QSOs, plus available archival sightlines, we will also achieve the largest redshift survey pathlength of $dz \sim 8$ for OVI at $z > 0.4$ and $dz \sim 13$ for NeVIII. We will establish a uniform sample of $\sim 80 - 160$ OVI absorbers of rest-frame absorption equivalent width $W_r > 30$ mÅ. In addition, we expect to establish a uniform sample of ~ 80 NeVIII absorbers of $W_r > 30$ mÅ at $z > 0.4$. The large sample sizes are necessary for a robust measurement of the frequency distribution functions of these highly-ionized species. For example, a steeply declining function with increasing W_r would predict that less than 10% of OVI absorbers from the CUBS program would have $W_r > 0.2$ Å, which in turn would indicate that weaker absorbers that occur at larger distances from galaxies dominate the cosmic mass density.

Exposure-Time Estimate:

The exposure time necessary for each QSO in the CUBS sample is determined based on the S/N required to reach our science goals. To determine the required S/N, we searched the HST COS archive for high-quality UV QSO spectra with known metal-line absorbers. We experimented with adding noise to the spectrum and examined whether previously known absorption lines can still be identified and measured accurately. Based on this exercise, we conclude that $S/N \sim 15$ per resolution element is necessary.

The exposure time necessary to reach the required S/N is estimated using the COS spectroscopic ETC. We adopt the FOS QSO spectral template scaled to the redshifts ($z_{\text{QSO}} = 0.8 - 1.3$) and GALEX NUV magnitudes of the QSOs. We package the G130M and G160M observations of each target into single visits of between 3 and 4 orbits. In each visit, the overheads from the first orbit will involve 6 minutes for guide star acquisition, 3 minutes for target acquisition, plus the 5 minutes of overhead associated with the first science exposure with COS. Subsequent orbits will involve reduced overheads of 4 minutes for guide star re-acquisition, 3 minutes for target acquisition, and 2 minutes for instrument setup.

COS Configuration:

A continuous spectral coverage from ~ 1140 Å to ~ 1780 Å is necessary to establish a uniform survey pathlength of different absorption-line systems. We therefore request both G130M and G160M gratings with different central-wavelength configurations to achieve a uniform S/N across

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the full spectral window. Following the COS2025 restrictions, we will split the G130M observations between two central-wavelength settings, c1291 and c1223. In addition, we will employ the two allowed FP-POS offsets, 3 and 4, for c1291, and all four FP-POS for c1223 for optimal S/N. For the G160M observations, we will employ four central-wavelength settings, c1577, c1589, c1611, c1623, and two FP-PST offsets per central wavelength setting to ensure that each wavelength in the 1400-1780 Ang window is observed with at least three different settings. This arrangement allows us to spread out the FUVB gain-sagged regions in the spectral space as much as possible with almost no additional overhead charges.

Target Acquisition:

The COS entrance aperture is 2.5" in diameter. To center the quasar in the aperture at the beginning of each visit, we will obtain an FUV image in ACQ/IMAGE mode. No ACQ/SEARCH is necessary because the quasar coordinates are known to better than 0.1". The GALEX FUV magnitudes of the quasars range from AB(NUV)=15.5 to AB(NUV)=16.8. Using the COS Target Acquisition ETC, we find that we need to use MIRROR B to avoid exceeding the bright limit and that we can obtain S/N greater than 40 over durations ranging from 16 to 55 seconds.

Parallel Observations--WFC3 Grism Spectroscopy of Blank Fields:

We will take parallel slitless spectroscopy with the WFC3-IR G102 and G141 grisms. The grism survey will cover the redshift range of our UV spectroscopy. While the field will be offset 3-4 Mpc from the QSO, it complements the ground-based follow-up for mapping the large-scale structures in the QSO fields and for calibrating photometric redshifts. The IR grisms can reach emission lines to $H = 23 - 24$ mag, fainter than most ground-based spectroscopy. Therefore, these grism data will also provide important constraints for faint galaxies with uncertain redshifts from ground-based spectroscopic data. This synergy has not been exploited in previous COS+WFC3 parallels.

Grism parallel strategy:

In each orbit, we will obtain direct images in F110W or F160W to measure the magnitude and positions of objects, allowing wavelength calibration and extraction. We note that while F105W and F140W are better matched to the spectral coverage of the grisms, F110W reaches higher S/N in less time than F105W; F110W is better complemented by F160W, which has minimal S/N disadvantage vs. F140W. For optimal grism data products, we aim to obtain 3 direct and 3 grism exposures per filter-grism setup per visit. We will obtain 2.5 times the exposure time in G102 as in G141, to compensate for lower throughput in G102 and weaker lines of [OIII], H-beta vs. H-alpha.

Proposal 15163 - J0357-481(79) - 4 orbits - G130M - BaseOrient (I1) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J0357-481(79) - 4 orbits - G130M - BaseOrient (I1), failed					Tue Feb 26 23:04:18 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%					
	Comments: This target has 16 orbits. This visit contains 7 G130M orbits+ 9 G160M 3 orbits C1223 + 4 orbits C1291 2 orbits C1577 + 2 orbits C1589 + 2 orbits C1611 + 2 orbits C1623 +1 orbit mixed I1 : 4G130M TAC1291F3 + C1291F4 + C1223F12 + C1223F34 I2 : 3G130M TAC1291F3 + C1291F3 + C1291F4 + C1577F4 I3 : 4G160M TAC1611F1 + C1611F3 + C1577F1 + C1577F3 I4 : 4G160M TAC1589F1 + C1589F3 + C1623F1 + G1623F3					
Diagnostics	(J0357-481(79) - 4 orbits - G130M - BaseOrient (I1)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.					
	(J0357-481(79) - 4 orbits - G130M - BaseOrient (I1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0357-481(79) - 4 orbits - G130M - BaseOrient (I1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0357-481(79) - 4 orbits - G130M - BaseOrient (I1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0357-481(79) - 4 orbits - G130M - BaseOrient (I1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(9)	J035721.92-481215.2	RA: 03 57 21.9180 (59.3413250d)	Redshift: 1.016	V=16.0	Reference Frame: ICRS
			Dec: -48 12 15.16 (-48.20421d)		fuv=17.76 nuv=16.84	
			Equinox: J2000			
		Comments: Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO				

Proposal 15163 - J0357-481(79) - 4 orbits - G130M - BaseOrient (I1) - COS Ultraviolet Baryon Survey (CUBS)

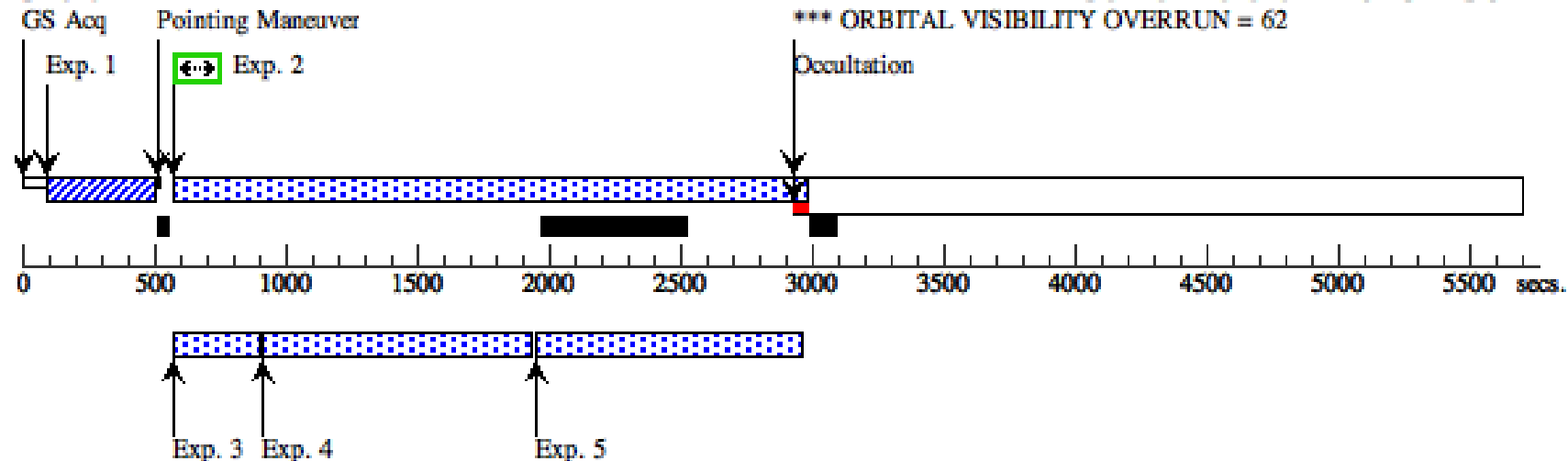
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9406)	(9) J035721.92-4812 15.2	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				56 Secs (56 Secs) [==>]	[1]
	2	C1291/FP3 (COS.sp.101 2122)	(9) J035721.92-4812 15.2	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=25 00		Prime + Parallel Gro up 2-5 in J0357-481(79) - 4 orbits - G130M - BaseOrient (I1)	2238 Secs (2238 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J0357-481(79) - 4 orbits - G130M - BaseOrient (I1)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0357-481(79) - 4 orbits - G130M - BaseOrient (I1)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0357-481(79) - 4 orbits - G130M - BaseOrient (I1)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1291/FP4 (COS.sp.101 2122)	(9) J035721.92-4812 15.2	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=28 00		Prime + Parallel Gro up 6-10 in J0357-481(79) - 4 orbits - G130M - BaseOrient (I1)	2704 Secs (2704 Secs) [==>]	[2]
	7	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0357-481(79) - 4 orbits - G130M - BaseOrient (I1)	302.938471 Secs (302.938 Secs) [==>]	[2]
	8	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0357-481(79) - 4 orbits - G130M - BaseOrient (I1)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	9	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0357-481(79) - 4 orbits - G130M - BaseOrient (I1)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	10	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0357-481(79) - 4 orbits - G130M - BaseOrient (I1)	302.938471 Secs (302.938 Secs) [==>]	[2]
	11	C1222/FP1 (COS.sp.101 3000)	(9) J035721.92-4812 15.2	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=1; BUFFER-TIME=11 55		Prime + Parallel Gro up 11-13 in J0357-481(79) - 4 orbits - G130M - BaseOrient (I1)	1255 Secs (1255 Secs) [==>]	[3]
	12	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 11-13 in J0357-481(79) - 4 orbits - G130M - BaseOrient (I1)	252.937441 Secs (252.937 Secs) [==>]	[3]
	13	G102-12-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=12; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-13 in J0357-481(79) - 4 orbits - G130M - BaseOrient (I1)	1102.935844 Secs (1102.936 Secs) [==>]	[3]
	14	C1222/FP2 (COS.sp.101 3000)	(9) J035721.92-4812 15.2	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=2; BUFFER-TIME=20 00		Prime + Parallel Gro up 14-16 in J0357-481(79) - 4 orbits - G130M - BaseOrient (I1)	1237 Secs (1237 Secs) [==>]	[3]

Proposal 15163 - J0357-481(79) - 4 orbits - G130M - BaseOrient (I1) - COS Ultraviolet Baryon Survey (CUBS)

15	F160-14-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 14-16 in J0357-48 1(79) - 4 orbits - G13 0M - BaseOrient (I1)	327.938986 Secs (327.939 Secs) [==>]	[3]
16	G141-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 14-16 in J0357-48 1(79) - 4 orbits - G13 0M - BaseOrient (I1)	902.935198 Secs (902.935 Secs) [==>]	[3]
17	C1222/FP3 (COS.sp.101 15.2 3000)	(9) J035721.92-4812	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=3; BUFFER-TIME=26 00	Prime + Parallel Gro up 17-21 in J0357-48 1(79) - 4 orbits - G13 0M - BaseOrient (I1)	2704 Secs (2704 Secs) [==>]	[4]
18	F160-15-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=15; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 17-21 in J0357-48 1(79) - 4 orbits - G13 0M - BaseOrient (I1)	352.939501 Secs (352.94 Secs) [==>]	[4]
19	G141-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 17-21 in J0357-48 1(79) - 4 orbits - G13 0M - BaseOrient (I1)	902.935198 Secs (902.935 Secs) [==>]	[4]
20	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 17-21 in J0357-48 1(79) - 4 orbits - G13 0M - BaseOrient (I1)	1002.935521 Secs (1002.936 Secs) [==>]	[4]
21	F160-15-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=15; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 17-21 in J0357-48 1(79) - 4 orbits - G13 0M - BaseOrient (I1)	352.939501 Secs (352.94 Secs) [==>]	[4]

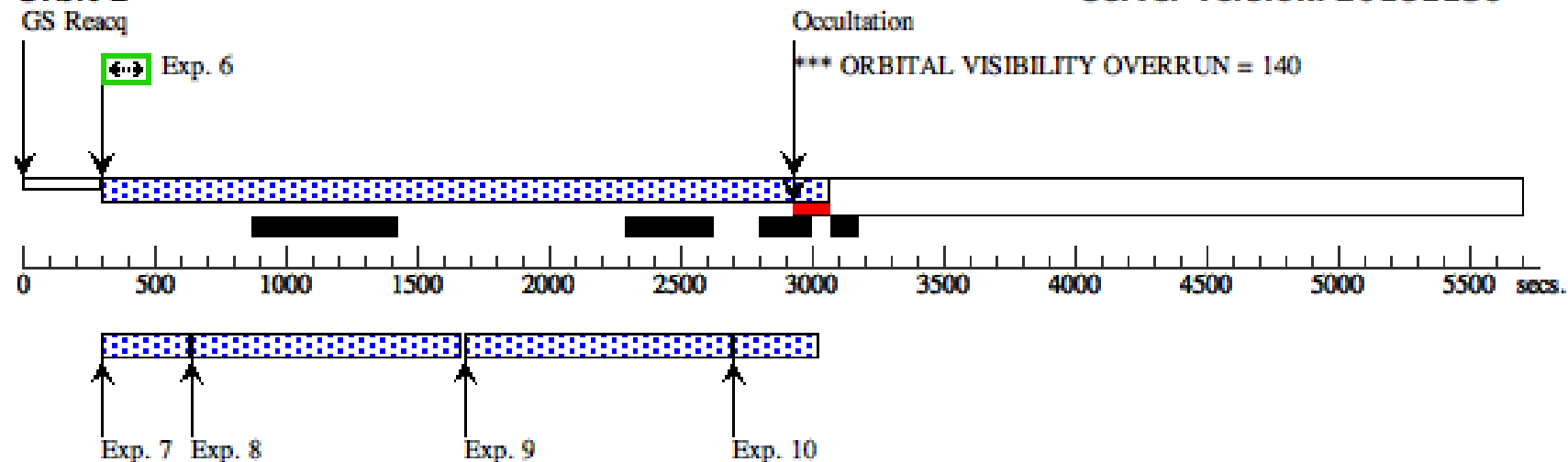
Orbit 1

Server Version: 20181130



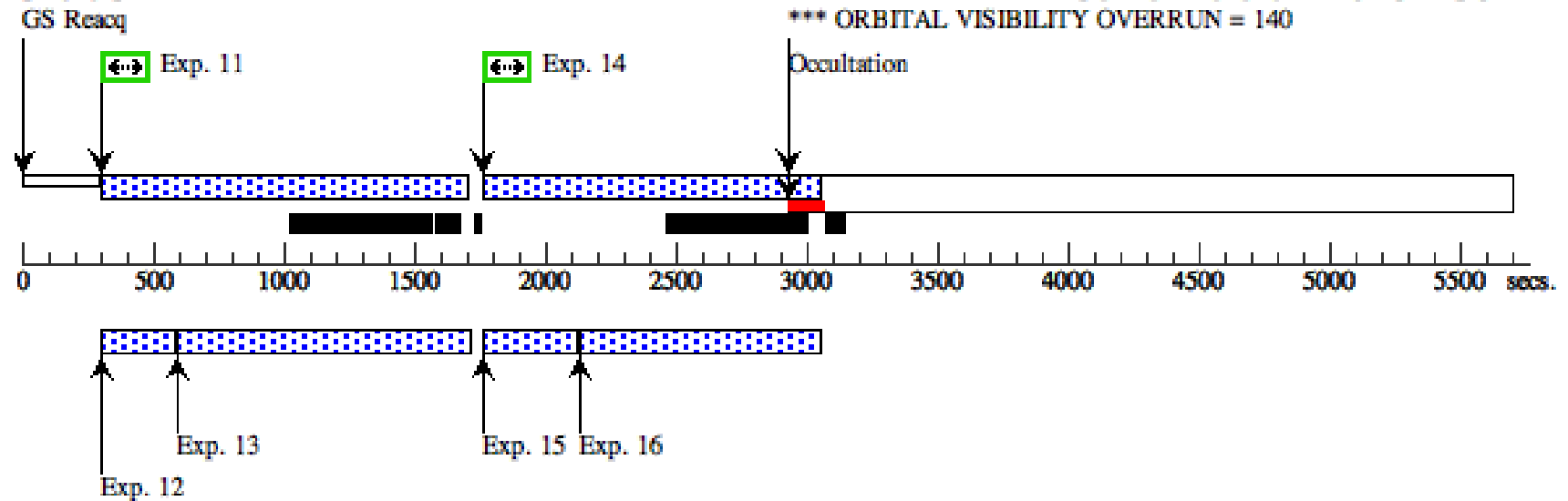
Orbit 2

Server Version: 20181130



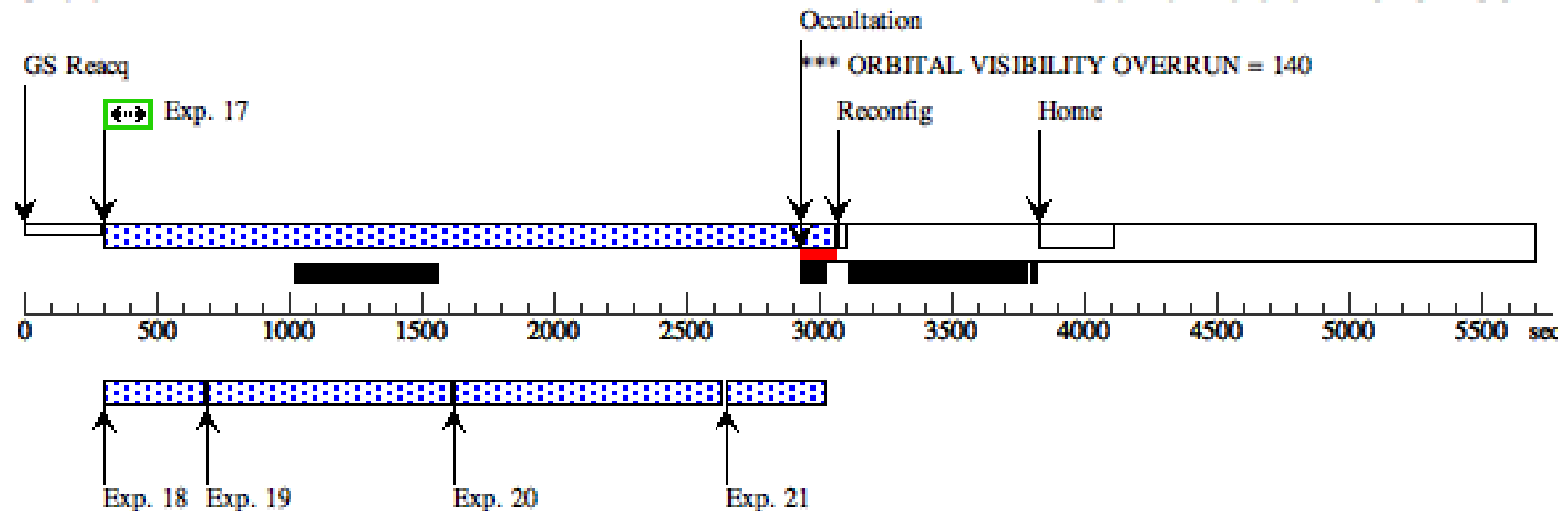
Orbit 3

Server Version: 20181130



Orbit 4

Server Version: 20181130



Proposal 15163 - J0357-481(79) - 4 orbits - 3G130M/1G160M (I2) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J0357-481(79) - 4 orbits - 3G130M/1G160M (I2), failed Tue Feb 26 23:04:18 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV Special Requirements: SCHED 100% <i>Comments: See I1</i>				
Diagnostics	(J0357-481(79) - 4 orbits - 3G130M/1G160M (I2)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (J0357-481(79) - 4 orbits - 3G130M/1G160M (I2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J0357-481(79) - 4 orbits - 3G130M/1G160M (I2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J0357-481(79) - 4 orbits - 3G130M/1G160M (I2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J0357-481(79) - 4 orbits - 3G130M/1G160M (I2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(9)	J035721.92-481215.2	RA: 03 57 21.9180 (59.3413250d) Dec: -48 12 15.16 (-48.20421d) Equinox: J2000	Redshift: 1.016	V=16.0 fuv=17.76 nuv=16.84
Fixed Targets	<i>Comments:</i> Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO				

Proposal 15163 - J0357-481(79) - 4 orbits - 3G130M/1G160M (I2) - COS Ultraviolet Baryon Survey (CUBS)

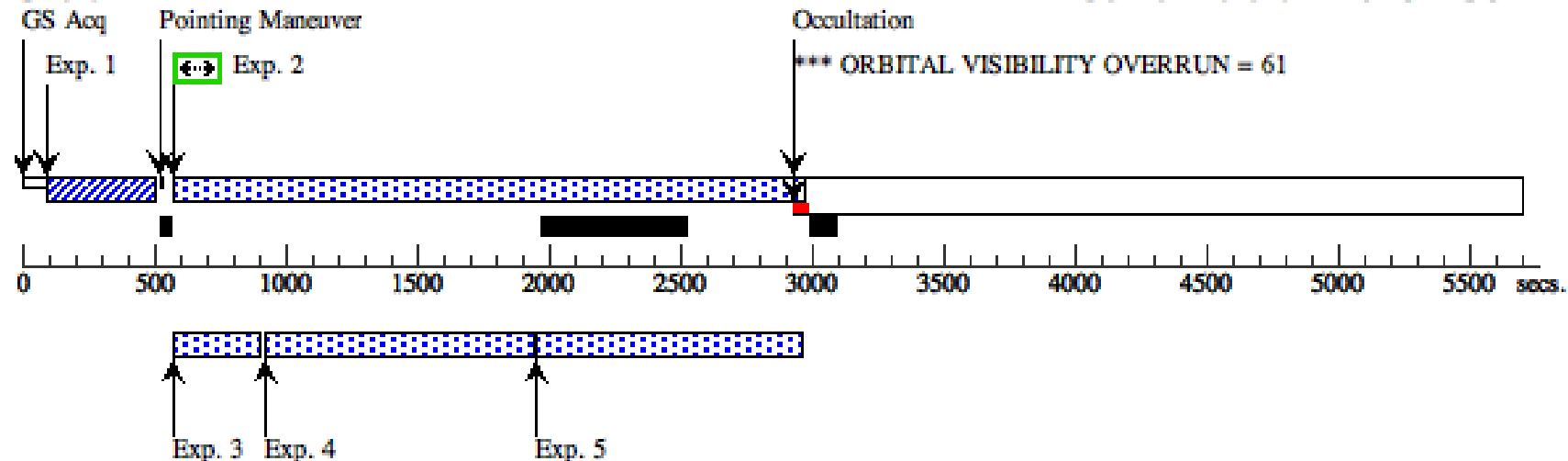
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9406)	(9) J035721.92-4812 15.2	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				57 Secs (57 Secs) [==>]	[1]
	2	C1291/FP3 (COS.sp.101 2122)	(9) J035721.92-4812 15.2	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=25 00		Prime + Parallel Gro up 2-5 in J0357-481(79) - 4 orbits - 3G130M/1G160M (I2)	2235 Secs (2235 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J0357-481(79) - 4 orbits - 3G130M/1G160M (I2)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0357-481(79) - 4 orbits - 3G130M/1G160M (I2)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0357-481(79) - 4 orbits - 3G130M/1G160M (I2)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1291/FP3 (COS.sp.101 2122)	(9) J035721.92-4812 15.2	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=28 00		Prime + Parallel Gro up 6-10 in J0357-481(79) - 4 orbits - 3G130M/1G160M (I2)	2705 Secs (2705 Secs) [==>]	[2]
	7	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0357-481(79) - 4 orbits - 3G130M/1G160M (I2)	302.938471 Secs (302.938 Secs) [==>]	[2]
	8	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0357-481(79) - 4 orbits - 3G130M/1G160M (I2)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	9	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0357-481(79) - 4 orbits - 3G130M/1G160M (I2)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	10	F110-14-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=14; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0357-481(79) - 4 orbits - 3G130M/1G160M (I2)	327.938986 Secs (327.939 Secs) [==>]	[2]
	11	C1222/FP4 (COS.sp.101 3000)	(9) J035721.92-4812 15.2	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=4; BUFFER-TIME=25 00		Prime + Parallel Gro up 11-15 in J0357-481(79) - 4 orbits - 3G130M/1G160M (I2)	2605 Secs (2605 Secs) [==>]	[3]
	12	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 11-15 in J0357-481(79) - 4 orbits - 3G130M/1G160M (I2)	252.937441 Secs (252.937 Secs) [==>]	[3]
	13	G102-12-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=12; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-15 in J0357-481(79) - 4 orbits - 3G130M/1G160M (I2)	1102.935844 Secs (1102.936 Secs) [==>]	[3]
	14	G141-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-15 in J0357-481(79) - 4 orbits - 3G130M/1G160M (I2)	902.935198 Secs (902.935 Secs) [==>]	[3]

Proposal 15163 - J0357-481(79) - 4 orbits - 3G130M/1G160M (I2) - COS Ultraviolet Baryon Survey (CUBS)

15	F160-14-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 11-15 in J0357-48 1(79) - 4 orbits - 3G1 30M/1G160M (I2)	327.938986 Secs (327.939 Secs) [==>]	[3]
16	C1577/FP4 (COS.sp.101 15.2 2137)	(9) J035721.92-4812	COS/FUV, TIME-TAG, PSA	G160M 1577 A	FP-POS=4; BUFFER-TIME=10 80	Prime + Parallel Gro up 16-18 in J0357-48 1(79) - 4 orbits - 3G1 30M/1G160M (I2)	1180 Secs (1180 Secs) [==>]	[4]
17	G141-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 16-18 in J0357-48 1(79) - 4 orbits - 3G1 30M/1G160M (I2)	902.935198 Secs (902.935 Secs) [==>]	[4]
18	F160-15-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=15; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 16-18 in J0357-48 1(79) - 4 orbits - 3G1 30M/1G160M (I2)	352.939501 Secs (352.94 Secs) [==>]	[4]
19	C1611/FP4 (COS.sp.101 15.2 2135)	(9) J035721.92-4812	COS/FUV, TIME-TAG, PSA	G160M 1611 A	FP-POS=4; BUFFER-TIME=11 00	Prime + Parallel Gro up 19-21 in J0357-48 1(79) - 4 orbits - 3G1 30M/1G160M (I2)	1211 Secs (1211 Secs) [==>]	[4]
20	F160-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=11; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 19-21 in J0357-48 1(79) - 4 orbits - 3G1 30M/1G160M (I2)	252.937441 Secs (252.937 Secs) [==>]	[4]
21	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 19-21 in J0357-48 1(79) - 4 orbits - 3G1 30M/1G160M (I2)	1002.935521 Secs (1002.936 Secs) [==>]	[4]

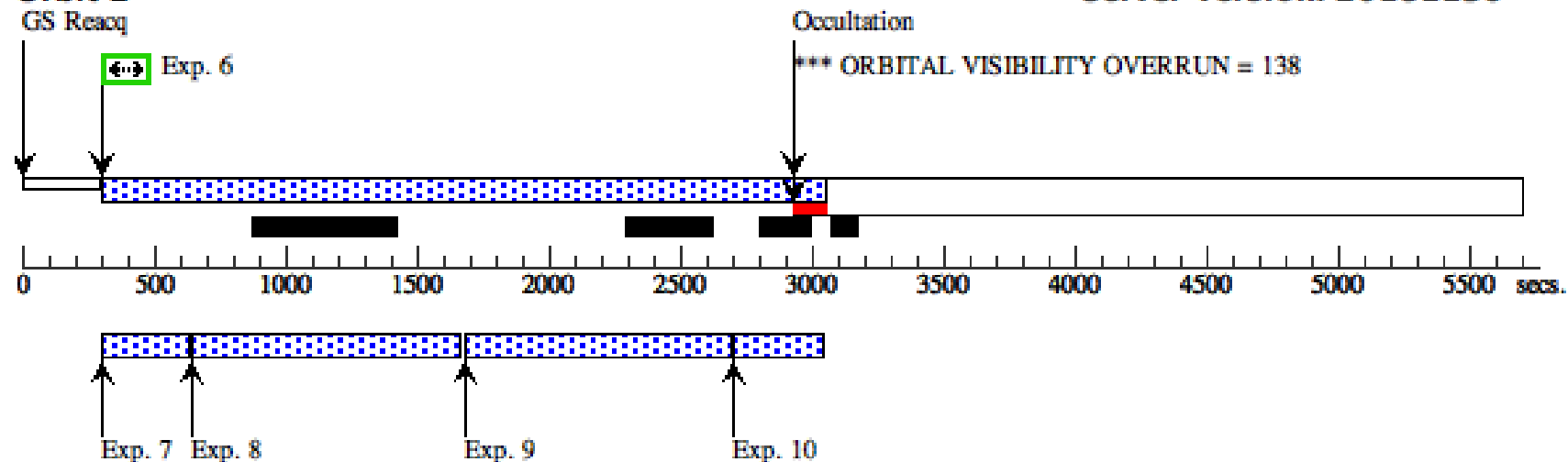
Orbit 1

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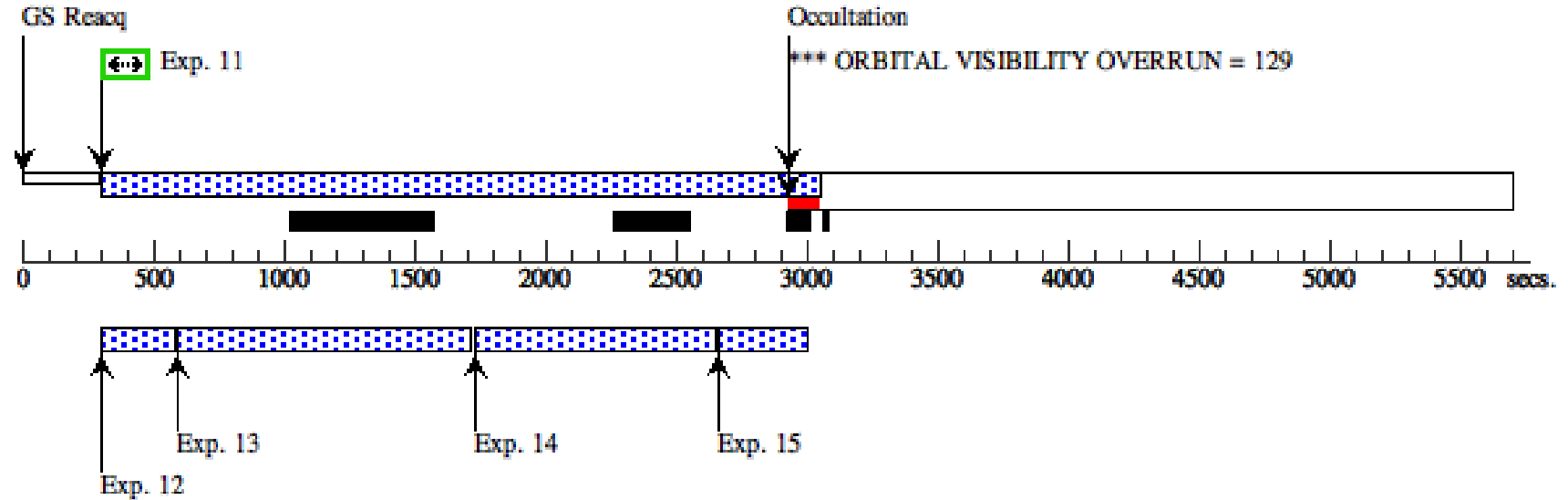
Orbit 2

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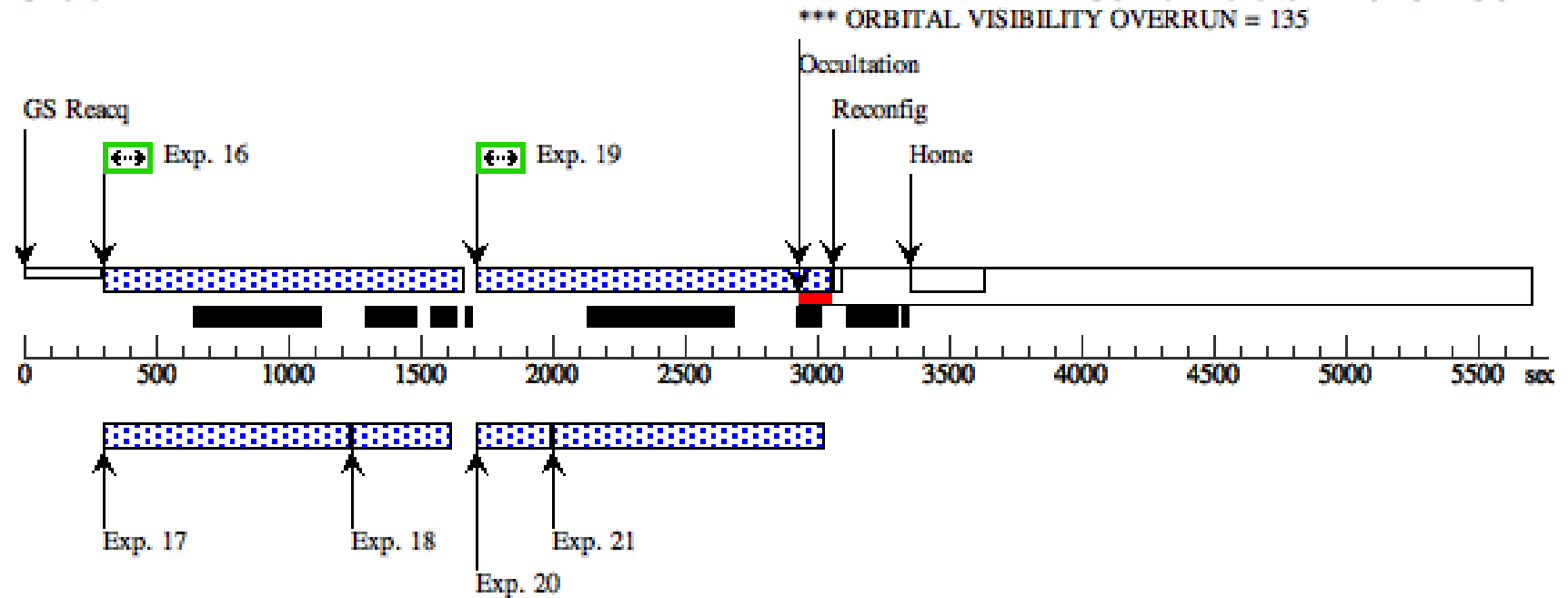
Orbit 3

Server Version: 20181130



Orbit 4

Server Version: 20181130



Proposal 15163 - J0357-481(79) - 4 orbits - G130M - BaseOrient (I5) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J0357-481(79) - 4 orbits - G130M - BaseOrient (I5), completed Tue Feb 26 23:04:18 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV Special Requirements: SCHED 100% <i>Comments: This target has 16 orbits. This visit contains 7 G130M orbits+ 9 G160M orbits C1223 + 4 orbits C1291</i> <i>2 orbits C1577 + 2 orbits C1589 + 2 orbits C1611 + 2 orbits C1623 +1 orbit mixed</i> I1 : 4G130M TAC1291F3 + C1291F4 + C1223F12 + C1223F34 I2 : 3G130M TAC1291F3 + C1291F3 + C1291F4 + C1577F4 I3 : 4G160M TAC1611F1 + C1611F3 + C1577F1 + C1577F3 I4 : 4G160M TAC1589F1 + C1589F3 + C1623F1 + G1623F3 Repeat of I1				
Diagnostics	(J0357-481(79) - 4 orbits - G130M - BaseOrient (I5)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (J0357-481(79) - 4 orbits - G130M - BaseOrient (I5)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J0357-481(79) - 4 orbits - G130M - BaseOrient (I5)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J0357-481(79) - 4 orbits - G130M - BaseOrient (I5)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J0357-481(79) - 4 orbits - G130M - BaseOrient (I5)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(9)	J035721.92-481215.2	RA: 03 57 21.9180 (59.3413250d) Dec: -48 12 15.16 (-48.20421d) Equinox: J2000	Redshift: 1.016	V=16.0 fuv=17.76 nuv=16.84
Fixed Targets	Comments: Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO				

Proposal 15163 - J0357-481(79) - 4 orbits - G130M - BaseOrient (I5) - COS Ultraviolet Baryon Survey (CUBS)

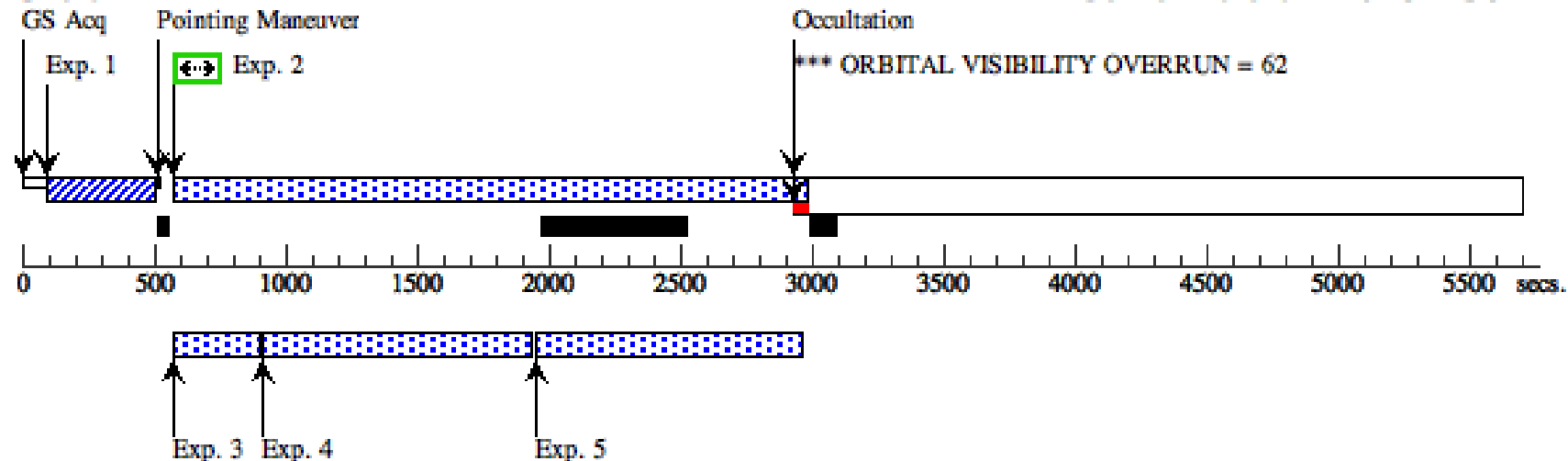
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9406)	(9) J035721.92-4812 15.2	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				56 Secs (56 Secs) [==>]	[1]
	2	C1291/FP3 (COS.sp.101 2122)	(9) J035721.92-4812 15.2	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=25 00		Prime + Parallel Gro up 2-5 in J0357-481(79) - 4 orbits - G130M - BaseOrient (I5)	2238 Secs (2238 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J0357-481(79) - 4 orbits - G130M - BaseOrient (I5)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0357-481(79) - 4 orbits - G130M - BaseOrient (I5)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0357-481(79) - 4 orbits - G130M - BaseOrient (I5)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1291/FP4 (COS.sp.101 2122)	(9) J035721.92-4812 15.2	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=28 00		Prime + Parallel Gro up 6-10 in J0357-481(79) - 4 orbits - G130M - BaseOrient (I5)	2704 Secs (2704 Secs) [==>]	[2]
	7	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0357-481(79) - 4 orbits - G130M - BaseOrient (I5)	302.938471 Secs (302.938 Secs) [==>]	[2]
	8	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0357-481(79) - 4 orbits - G130M - BaseOrient (I5)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	9	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0357-481(79) - 4 orbits - G130M - BaseOrient (I5)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	10	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0357-481(79) - 4 orbits - G130M - BaseOrient (I5)	302.938471 Secs (302.938 Secs) [==>]	[2]
	11	C1222/FP1 (COS.sp.101 3000)	(9) J035721.92-4812 15.2	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=1; BUFFER-TIME=11 55		Prime + Parallel Gro up 11-13 in J0357-481(79) - 4 orbits - G130M - BaseOrient (I5)	1255 Secs (1255 Secs) [==>]	[3]
	12	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 11-13 in J0357-481(79) - 4 orbits - G130M - BaseOrient (I5)	252.937441 Secs (252.937 Secs) [==>]	[3]
	13	G102-12-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=12; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-13 in J0357-481(79) - 4 orbits - G130M - BaseOrient (I5)	1102.935844 Secs (1102.936 Secs) [==>]	[3]
	14	C1222/FP2 (COS.sp.101 3000)	(9) J035721.92-4812 15.2	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=2; BUFFER-TIME=20 00		Prime + Parallel Gro up 14-16 in J0357-481(79) - 4 orbits - G130M - BaseOrient (I5)	1237 Secs (1237 Secs) [==>]	[3]

Proposal 15163 - J0357-481(79) - 4 orbits - G130M - BaseOrient (I5) - COS Ultraviolet Baryon Survey (CUBS)

15	F160-14-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 14-16 in J0357-48 1(79) - 4 orbits - G13 0M - BaseOrient (I5)	327.938986 Secs (327.939 Secs) [==>]	[3]
16	G141-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 14-16 in J0357-48 1(79) - 4 orbits - G13 0M - BaseOrient (I5)	902.935198 Secs (902.935 Secs) [==>]	[3]
17	C1222/FP3 (COS.sp.101 15.2 3000)	(9) J035721.92-4812	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=3; BUFFER-TIME=26 00	Prime + Parallel Gro up 17-21 in J0357-48 1(79) - 4 orbits - G13 0M - BaseOrient (I5)	2704 Secs (2704 Secs) [==>]	[4]
18	F160-15-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=15; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 17-21 in J0357-48 1(79) - 4 orbits - G13 0M - BaseOrient (I5)	352.939501 Secs (352.94 Secs) [==>]	[4]
19	G141-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 17-21 in J0357-48 1(79) - 4 orbits - G13 0M - BaseOrient (I5)	902.935198 Secs (902.935 Secs) [==>]	[4]
20	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 17-21 in J0357-48 1(79) - 4 orbits - G13 0M - BaseOrient (I5)	1002.935521 Secs (1002.936 Secs) [==>]	[4]
21	F160-15-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=15; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 17-21 in J0357-48 1(79) - 4 orbits - G13 0M - BaseOrient (I5)	352.939501 Secs (352.94 Secs) [==>]	[4]

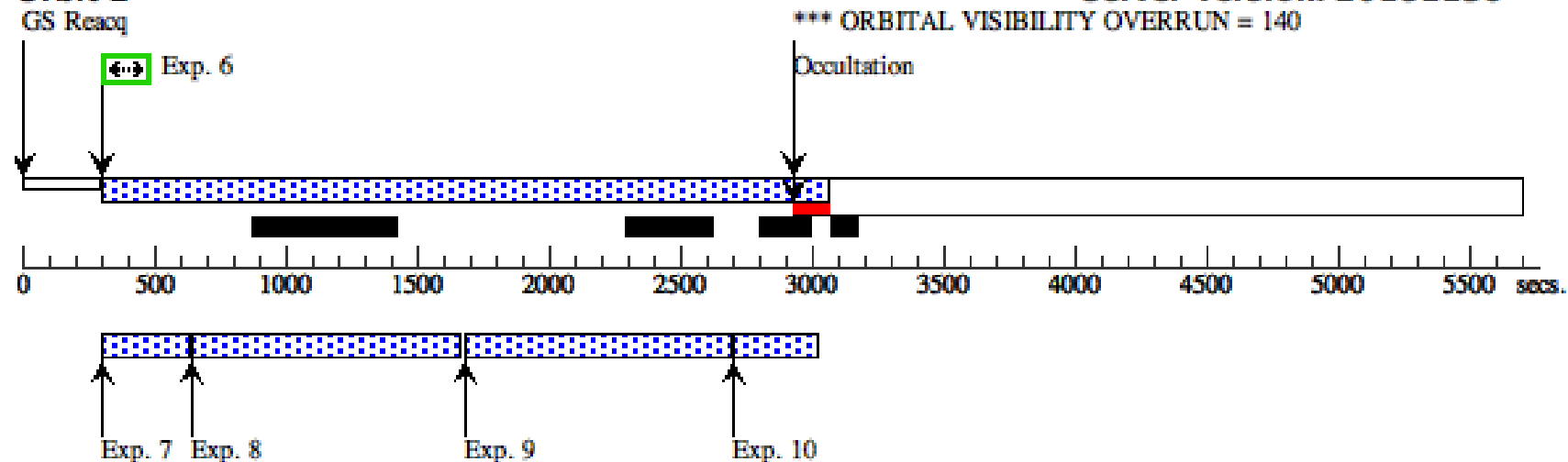
Orbit 1

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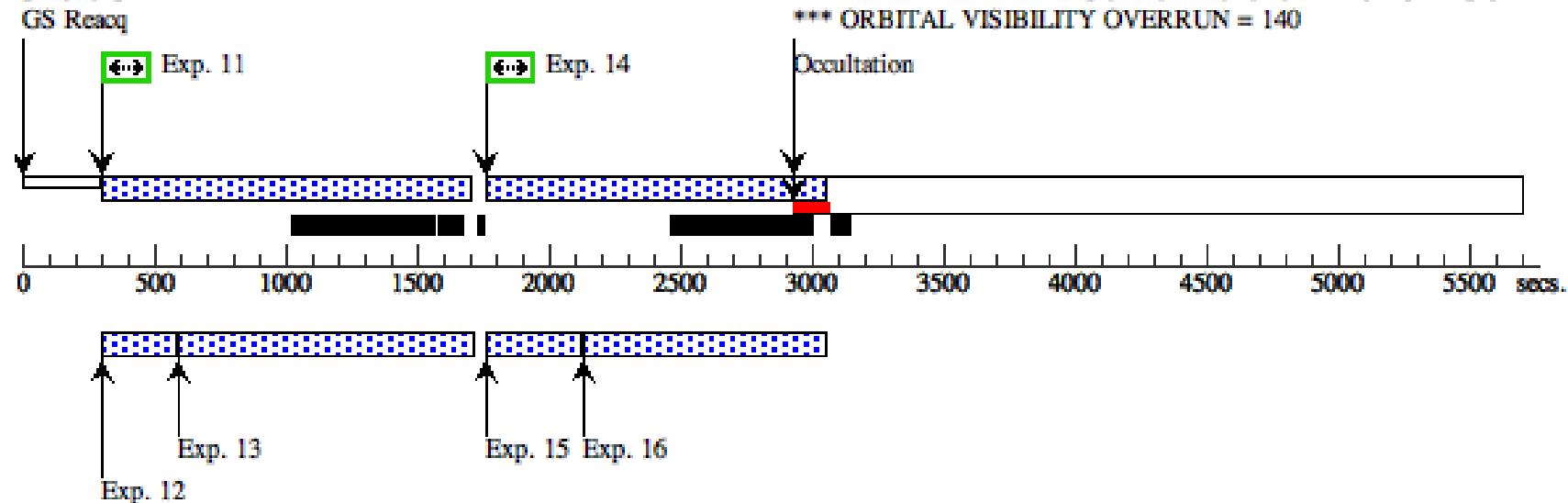
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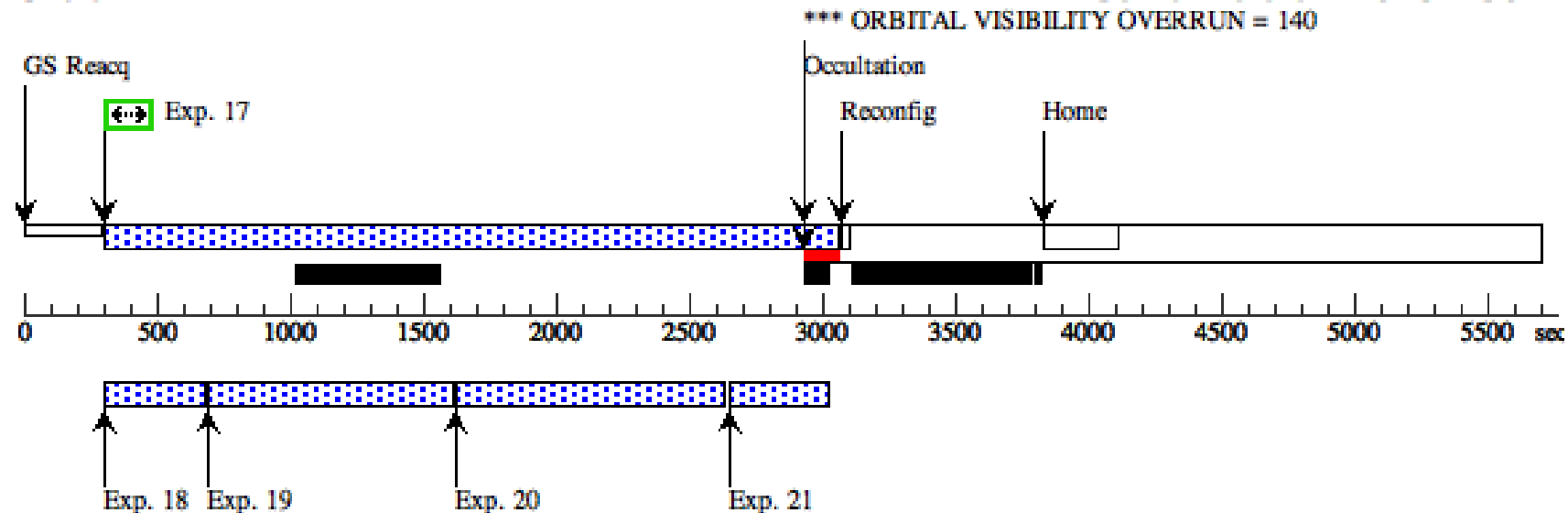
Orbit 3

Server Version: 20181130



Orbit 4

Server Version: 20181130



Proposal 15163 - J0357-481(79) - 4 orbits - 3G130M/1G160M (I6) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J0357-481(79) - 4 orbits - 3G130M/1G160M (I6), completed Tue Feb 26 23:04:19 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV Special Requirements: SCHED 100% <i>Comments: See I1. Repeat of I2</i>				
Diagnostics	(J0357-481(79) - 4 orbits - 3G130M/1G160M (I6)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (J0357-481(79) - 4 orbits - 3G130M/1G160M (I6)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J0357-481(79) - 4 orbits - 3G130M/1G160M (I6)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J0357-481(79) - 4 orbits - 3G130M/1G160M (I6)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J0357-481(79) - 4 orbits - 3G130M/1G160M (I6)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(9)	J035721.92-481215.2	RA: 03 57 21.9180 (59.3413250d) Dec: -48 12 15.16 (-48.20421d) Equinox: J2000	Redshift: 1.016	V=16.0 fuv=17.76 nuv=16.84
Fixed Targets	<i>Comments:</i> Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO				

Proposal 15163 - J0357-481(79) - 4 orbits - 3G130M/1G160M (I6) - COS Ultraviolet Baryon Survey (CUBS)

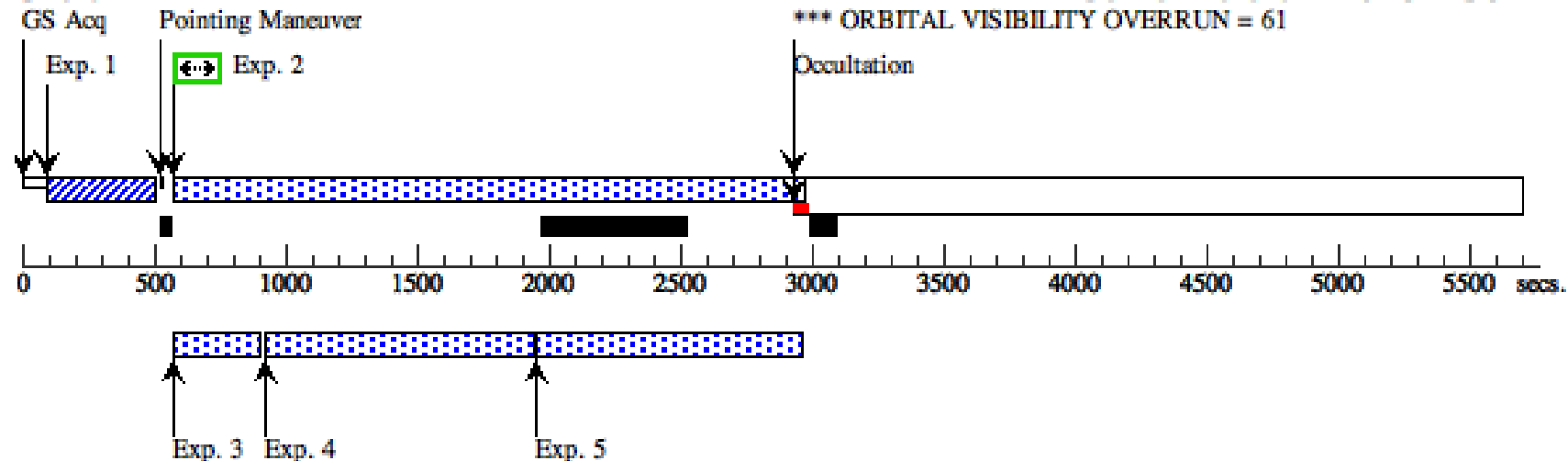
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9406)	(9) J035721.92-4812 15.2	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				57 Secs (57 Secs) [==>]	[1]
	2	C1291/FP3 (COS.sp.101 2122)	(9) J035721.92-4812 15.2	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=25 00		Prime + Parallel Gro up 2-5 in J0357-481(79) - 4 orbits - 3G13 0M/1G160M (I6)	2235 Secs (2235 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J0357-481(79) - 4 orbits - 3G13 0M/1G160M (I6)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0357-481(79) - 4 orbits - 3G13 0M/1G160M (I6)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0357-481(79) - 4 orbits - 3G13 0M/1G160M (I6)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1291/FP3 (COS.sp.101 2122)	(9) J035721.92-4812 15.2	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=28 00		Prime + Parallel Gro up 6-10 in J0357-481(79) - 4 orbits - 3G13 0M/1G160M (I6)	2705 Secs (2705 Secs) [==>]	[2]
	7	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0357-481(79) - 4 orbits - 3G13 0M/1G160M (I6)	302.938471 Secs (302.938 Secs) [==>]	[2]
	8	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0357-481(79) - 4 orbits - 3G13 0M/1G160M (I6)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	9	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0357-481(79) - 4 orbits - 3G13 0M/1G160M (I6)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	10	F110-14-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=14; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0357-481(79) - 4 orbits - 3G13 0M/1G160M (I6)	327.938986 Secs (327.939 Secs) [==>]	[2]
	11	C1222/FP4 (COS.sp.101 3000)	(9) J035721.92-4812 15.2	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=4; BUFFER-TIME=25 00		Prime + Parallel Gro up 11-15 in J0357-48 1(79) - 4 orbits - 3G1 30M/1G160M (I6)	2605 Secs (2605 Secs) [==>]	[3]
	12	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 11-15 in J0357-48 1(79) - 4 orbits - 3G1 30M/1G160M (I6)	252.937441 Secs (252.937 Secs) [==>]	[3]
	13	G102-12-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=12; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-15 in J0357-48 1(79) - 4 orbits - 3G1 30M/1G160M (I6)	1102.935844 Secs (1102.936 Secs) [==>]	[3]
	14	G141-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-15 in J0357-48 1(79) - 4 orbits - 3G1 30M/1G160M (I6)	902.935198 Secs (902.935 Secs) [==>]	[3]

Proposal 15163 - J0357-481(79) - 4 orbits - 3G130M/1G160M (I6) - COS Ultraviolet Baryon Survey (CUBS)

15	F160-14-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 11-15 in J0357-48 1(79) - 4 orbits - 3G1 30M/1G160M (I6)	327.938986 Secs (327.939 Secs) [==>]	[3]
16	C1577/FP4 (COS.sp.101 15.2 2137)	(9) J035721.92-4812	COS/FUV, TIME-TAG, PSA	G160M 1577 A	FP-POS=4; BUFFER-TIME=10 80	Prime + Parallel Gro up 16-18 in J0357-48 1(79) - 4 orbits - 3G1 30M/1G160M (I6)	1180 Secs (1180 Secs) [==>]	[4]
17	G141-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 16-18 in J0357-48 1(79) - 4 orbits - 3G1 30M/1G160M (I6)	902.935198 Secs (902.935 Secs) [==>]	[4]
18	F160-15-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=15; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 16-18 in J0357-48 1(79) - 4 orbits - 3G1 30M/1G160M (I6)	352.939501 Secs (352.94 Secs) [==>]	[4]
19	C1611/FP4 (COS.sp.101 15.2 2135)	(9) J035721.92-4812	COS/FUV, TIME-TAG, PSA	G160M 1611 A	FP-POS=4; BUFFER-TIME=11 00	Prime + Parallel Gro up 19-21 in J0357-48 1(79) - 4 orbits - 3G1 30M/1G160M (I6)	1211 Secs (1211 Secs) [==>]	[4]
20	F160-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=11; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 19-21 in J0357-48 1(79) - 4 orbits - 3G1 30M/1G160M (I6)	252.937441 Secs (252.937 Secs) [==>]	[4]
21	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 19-21 in J0357-48 1(79) - 4 orbits - 3G1 30M/1G160M (I6)	1002.935521 Secs (1002.936 Secs) [==>]	[4]

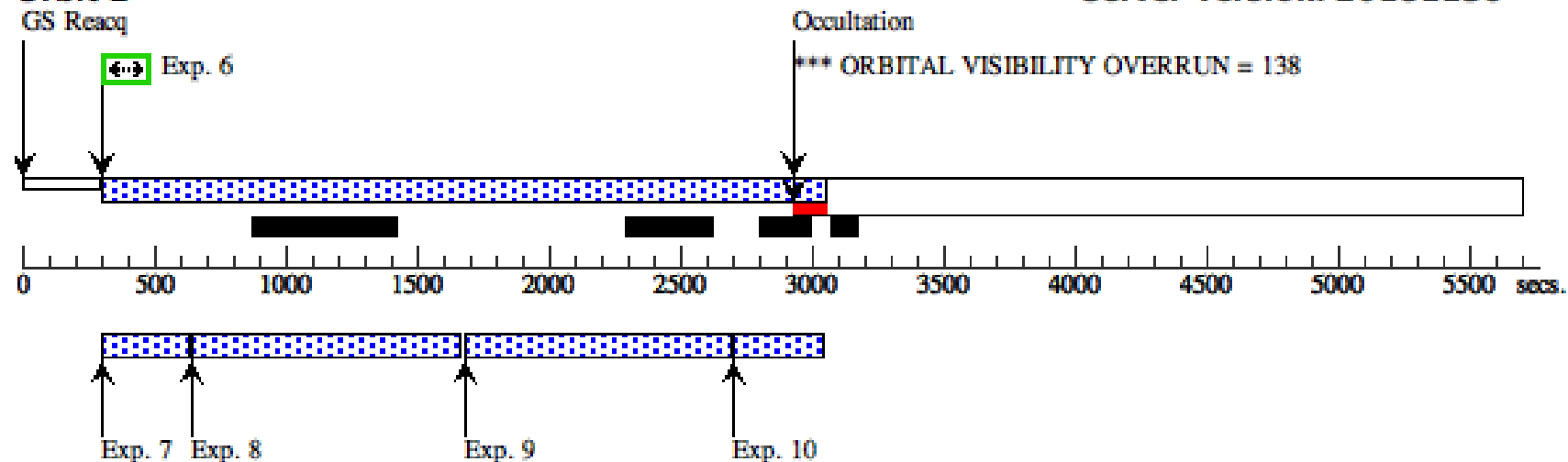
Orbit 1

Server Version: 20181130



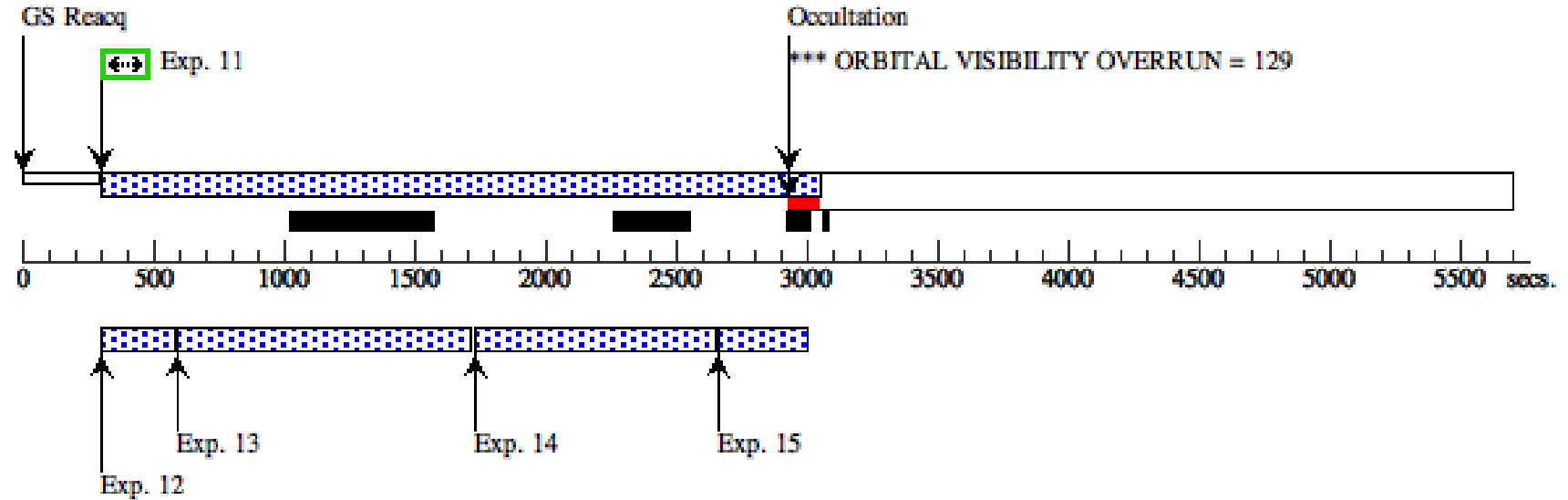
Orbit 2

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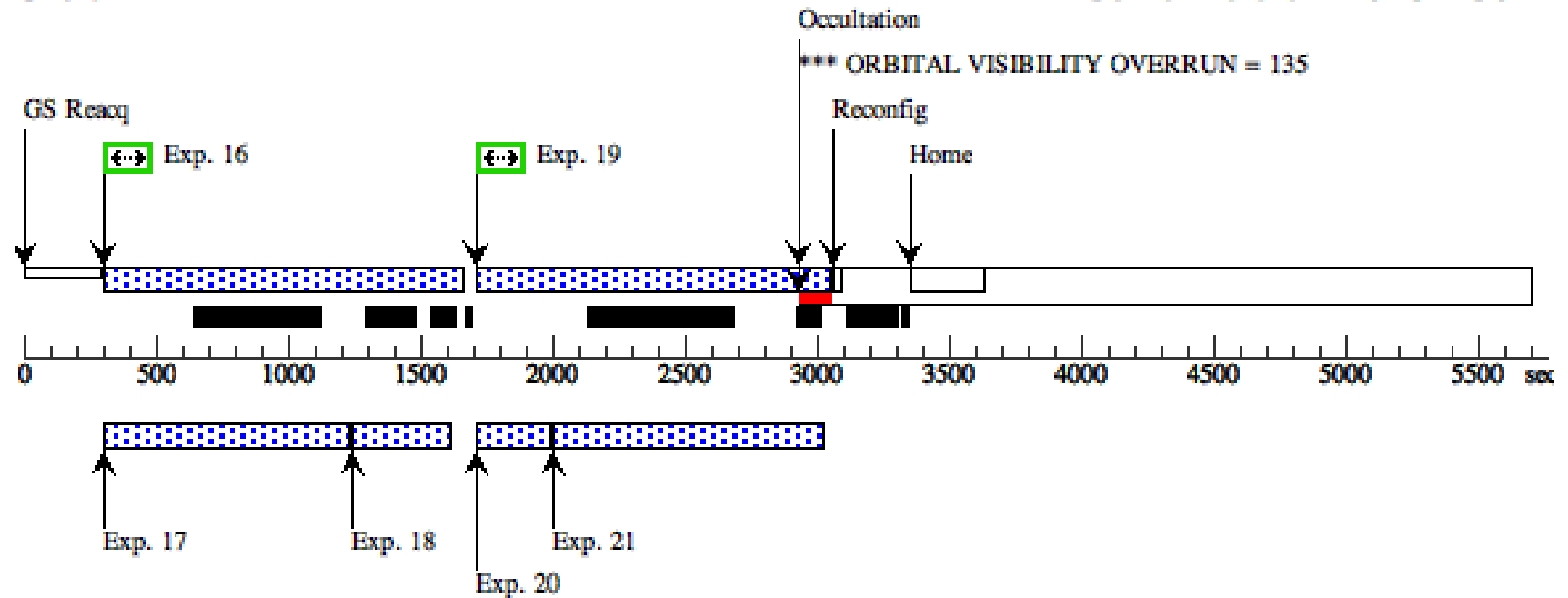
Orbit 3

Server Version: 20181130



Orbit 4

Server Version: 20181130



Proposal 15163 - J0357-481(79) - 4 orbits - G160M (I3) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J0357-481(79) - 4 orbits - G160M (I3), failed Tue Feb 26 23:04:19 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV Special Requirements: SCHED 100% <i>Comments: See comment in I1</i>				
Diagnostics	(J0357-481(79) - 4 orbits - G160M (I3)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.				
	(J0357-481(79) - 4 orbits - G160M (I3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(J0357-481(79) - 4 orbits - G160M (I3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(J0357-481(79) - 4 orbits - G160M (I3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(J0357-481(79) - 4 orbits - G160M (I3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(9)	J035721.92-481215.2	RA: 03 57 21.9180 (59.3413250d)	Redshift: 1.016	V=16.0
			Dec: -48 12 15.16 (-48.20421d)		fuv=17.76 nuv=16.84
			Equinox: J2000		
	<i>Comments:</i> Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO				

Proposal 15163 - J0357-481(79) - 4 orbits - G160M (I3) - COS Ultraviolet Baryon Survey (CUBS)

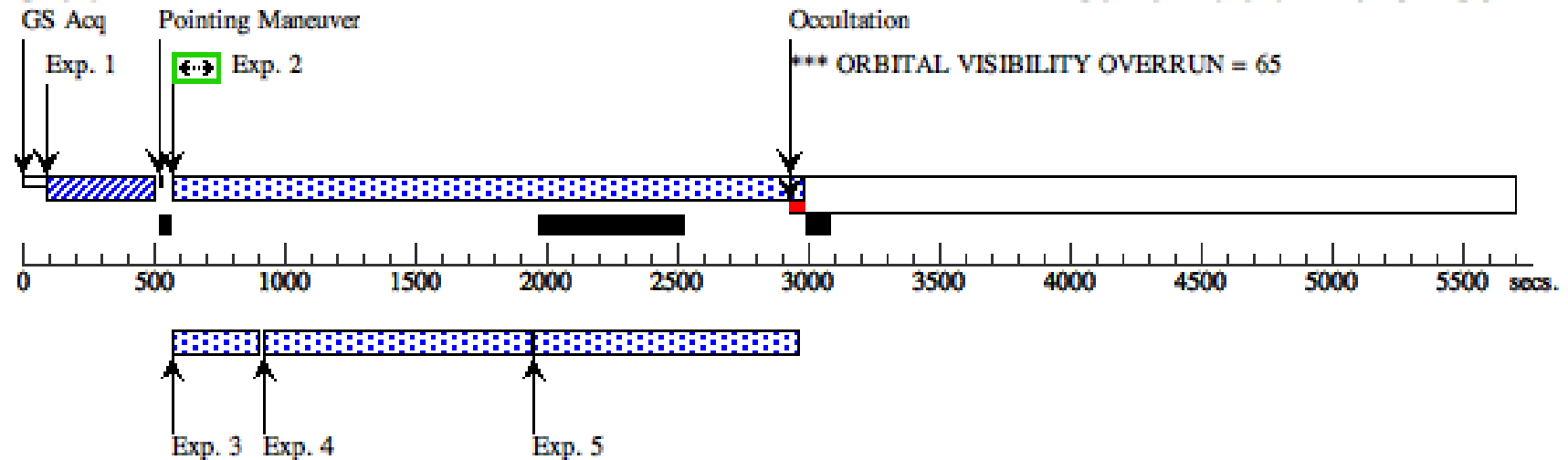
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9406)	(9) J035721.92-4812 15.2	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				57 Secs (57 Secs) [==>]	[1]
	2	C1611/FP1 (COS.sp.101 2135)	(9) J035721.92-4812 15.2	COS/FUV, TIME-TAG, PSA	G160M 1611 A	FP-POS=1; BUFFER-TIME=25 00		Prime + Parallel Gro up 2-5 in J0357-481(79) - 4 orbits - G160 M (I3)	2189 Secs (2189 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J0357-481(79) - 4 orbits - G160 M (I3)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0357-481(79) - 4 orbits - G160 M (I3)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0357-481(79) - 4 orbits - G160 M (I3)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1611/FP3 (COS.sp.101 2135)	(9) J035721.92-4812 15.2	COS/FUV, TIME-TAG, PSA	G160M 1611 A	FP-POS=3; BUFFER-TIME=30 00		Prime + Parallel Gro up 6-10 in J0357-481 (79) - 4 orbits - G160 M (I3)	2703 Secs (2703 Secs) [==>]	[2]
	7	F110-9-S25 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=9; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0357-481 (79) - 4 orbits - G160 M (I3)	202.936411 Secs (202.936 Secs) [==>]	[2]
	8	G102-12-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=12; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0357-481 (79) - 4 orbits - G160 M (I3)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	9	G102-12-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=12; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0357-481 (79) - 4 orbits - G160 M (I3)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	10	F110-10-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=10; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0357-481 (79) - 4 orbits - G160 M (I3)	227.936926 Secs (227.937 Secs) [==>]	[2]
	11	C1577/FP1 (COS.sp.101 2137)	(9) J035721.92-4812 15.2	COS/FUV, TIME-TAG, PSA	G160M 1577 A	FP-POS=1; BUFFER-TIME=28 00		Prime + Parallel Gro up 11-15 in J0357-48 1(79) - 4 orbits - G16 0M (I3)	2624 Secs (2624 Secs) [==>]	[3]
	12	F110-9-S25 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=9; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 11-15 in J0357-48 1(79) - 4 orbits - G16 0M (I3)	202.936411 Secs (202.936 Secs) [==>]	[3]
	13	G102-12-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=12; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-15 in J0357-48 1(79) - 4 orbits - G16 0M (I3)	1102.935844 Secs (1102.936 Secs) [==>]	[3]
	14	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-15 in J0357-48 1(79) - 4 orbits - G16 0M (I3)	1002.935521 Secs (1002.936 Secs) [==>]	[3]

Proposal 15163 - J0357-481(79) - 4 orbits - G160M (I3) - COS Ultraviolet Baryon Survey (CUBS)

	15	F160-12-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 11-15 in J0357-48 1(79) - 4 orbits - G16 0M (I3)	277.937956 Secs (277.938 Secs) [==>]	[3]
	16	C1577/FP3 (COS.sp.101 15.2 2137)	(9) J035721.92-4812	COS/FUV, TIME-TAG, PSA	G160M 1577 A	FP-POS=3; BUFFER-TIME=25 00	Prime + Parallel Gro up 16-20 in J0357-48 1(79) - 4 orbits - G16 0M (I3)	2702 Secs (2702 Secs) [==>]	[4]
	17	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 16-20 in J0357-48 1(79) - 4 orbits - G16 0M (I3)	302.938471 Secs (302.938 Secs) [==>]	[4]
	18	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 16-20 in J0357-48 1(79) - 4 orbits - G16 0M (I3)	1002.935521 Secs (1002.936 Secs) [==>]	[4]
	19	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 16-20 in J0357-48 1(79) - 4 orbits - G16 0M (I3)	1002.935521 Secs (1002.936 Secs) [==>]	[4]
	20	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 16-20 in J0357-48 1(79) - 4 orbits - G16 0M (I3)	302.938471 Secs (302.938 Secs) [==>]	[4]

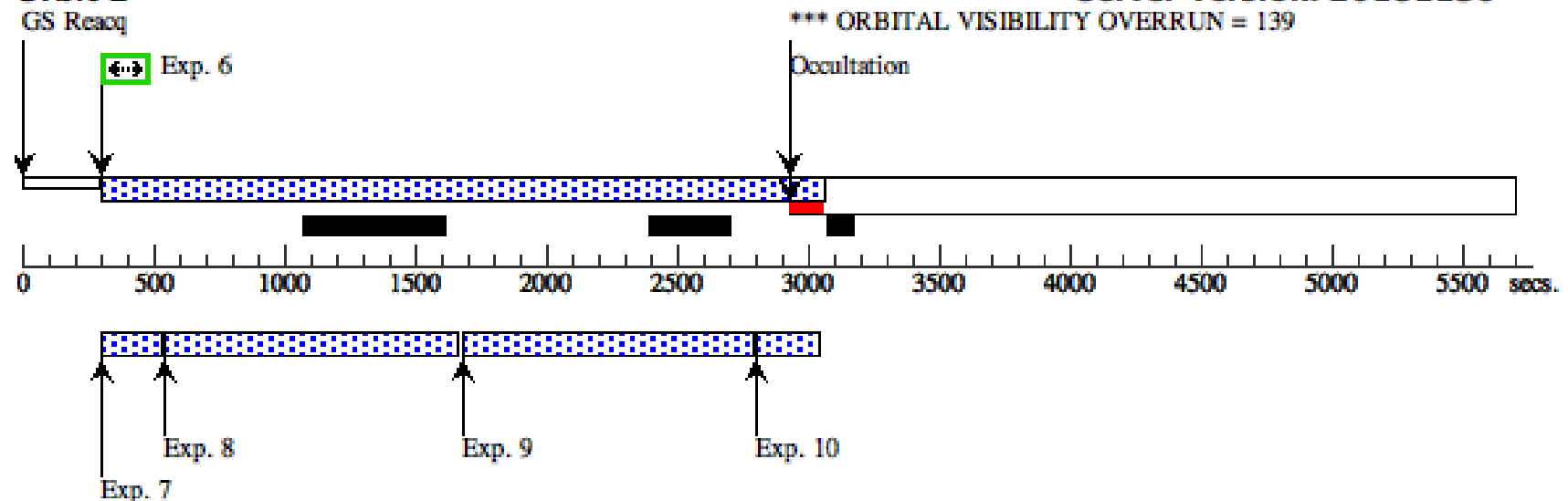
Orbit 1

Server Version: 20181130



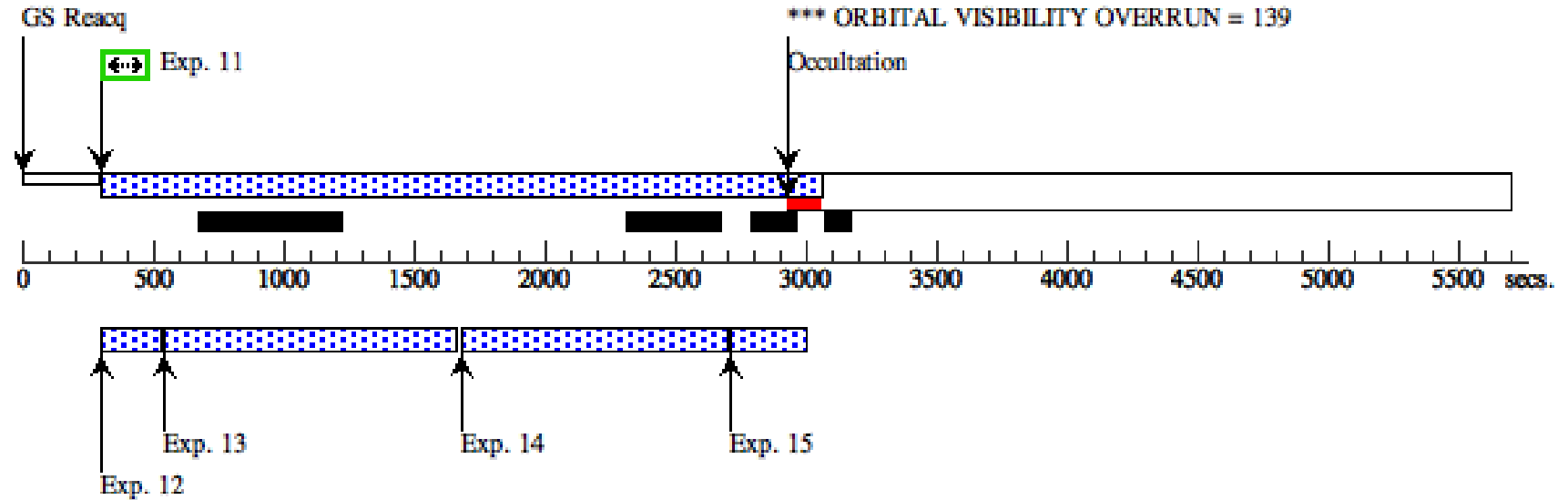
Orbit 2

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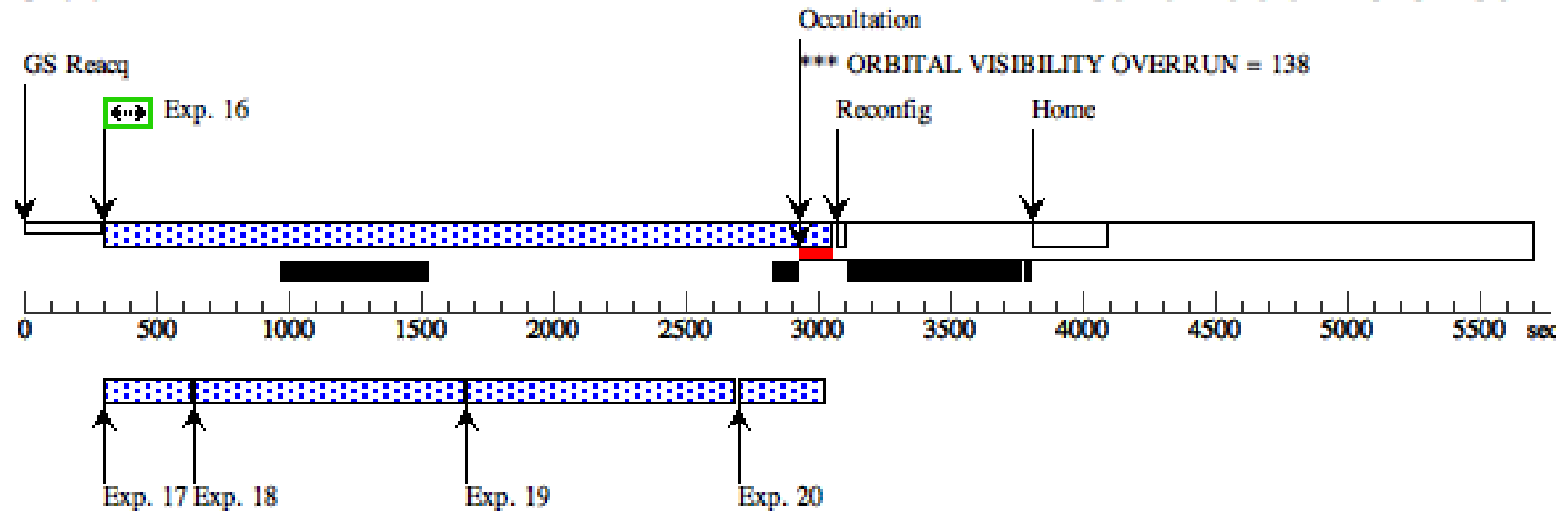
Orbit 3

Server Version: 20181130



Orbit 4

Server Version: 20181130



Proposal 15163 - J0357-481(79) - 2 orbits - G160M (I7) - COS Ultraviolet Baryon Survey (CUBS)

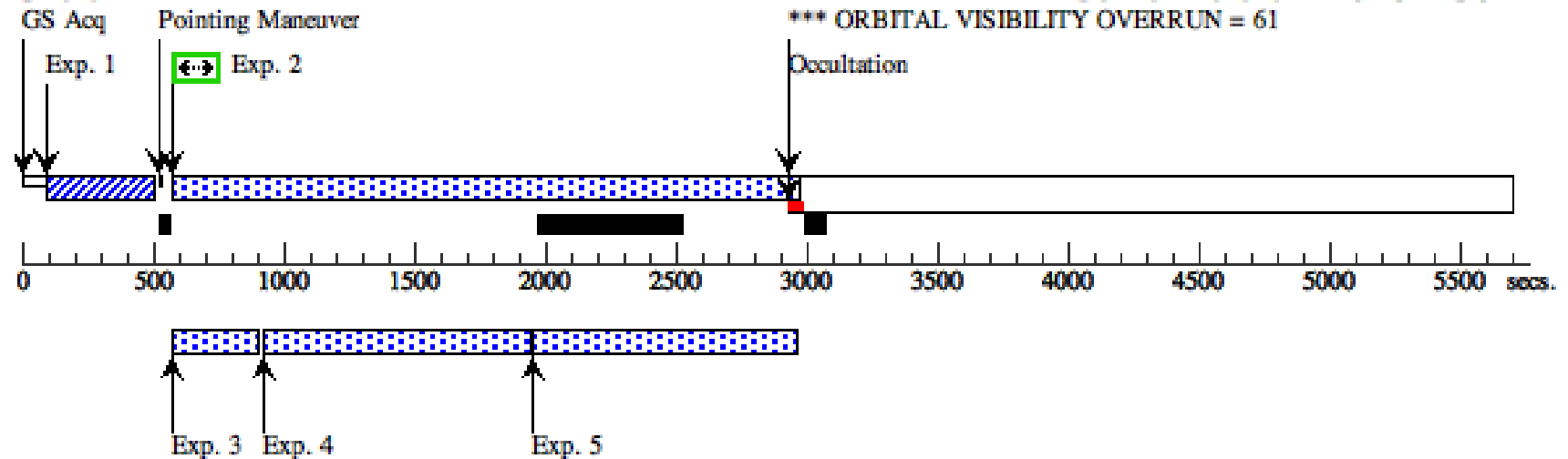
Visit	Proposal 15163, J0357-481(79) - 2 orbits - G160M (I7), completed Tue Feb 26 23:04:19 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV Special Requirements: SCHED 100% <i>Comments: See comment in I1</i>				
Diagnostics	(J0357-481(79) - 2 orbits - G160M (I7)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (J0357-481(79) - 2 orbits - G160M (I7)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J0357-481(79) - 2 orbits - G160M (I7)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(9)	J035721.92-481215.2	RA: 03 57 21.9180 (59.3413250d) Dec: -48 12 15.16 (-48.20421d) Equinox: J2000	Redshift: 1.016	V=16.0 fuv=17.76 nuv=16.84
Fixed Targets	<i>Comments:</i> Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO				

Proposal 15163 - J0357-481(79) - 2 orbits - G160M (I7) - COS Ultraviolet Baryon Survey (CUBS)

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9406)	(9) J035721.92-4812 15.2	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				57 Secs (57 Secs) [==>]	[1]
	2	C1611/FP3 (COS.sp.101 2135)	(9) J035721.92-4812 15.2	COS/FUV, TIME-TAG, PSA	G160M 1611 A	FP-POS=3; BUFFER-TIME=30 00		Prime + Parallel Gro up 2-5 in J0357-481(79) - 2 orbits - G160 M (I7)	2185 Secs (2185 Secs) [==>]	[1]
	3	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J0357-481(79) - 2 orbits - G160 M (I7)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0357-481(79) - 2 orbits - G160 M (I7)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0357-481(79) - 2 orbits - G160 M (I7)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1623/FP3 (COS.sp.101 2135)	(9) J035721.92-4812 15.2	COS/FUV, TIME-TAG, PSA	G160M 1623 A	FP-POS=3; BUFFER-TIME=25 00		Prime + Parallel Gro up 6-10 in J0357-481 (79) - 2 orbits - G160 M (I7)	2630 Secs (2630 Secs) [==>]	[2]
	7	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0357-481 (79) - 2 orbits - G160 M (I7)	302.938471 Secs (302.938 Secs) [==>]	[2]
	8	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0357-481 (79) - 2 orbits - G160 M (I7)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	9	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0357-481 (79) - 2 orbits - G160 M (I7)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	10	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0357-481 (79) - 2 orbits - G160 M (I7)	302.938471 Secs (302.938 Secs) [==>]	[2]

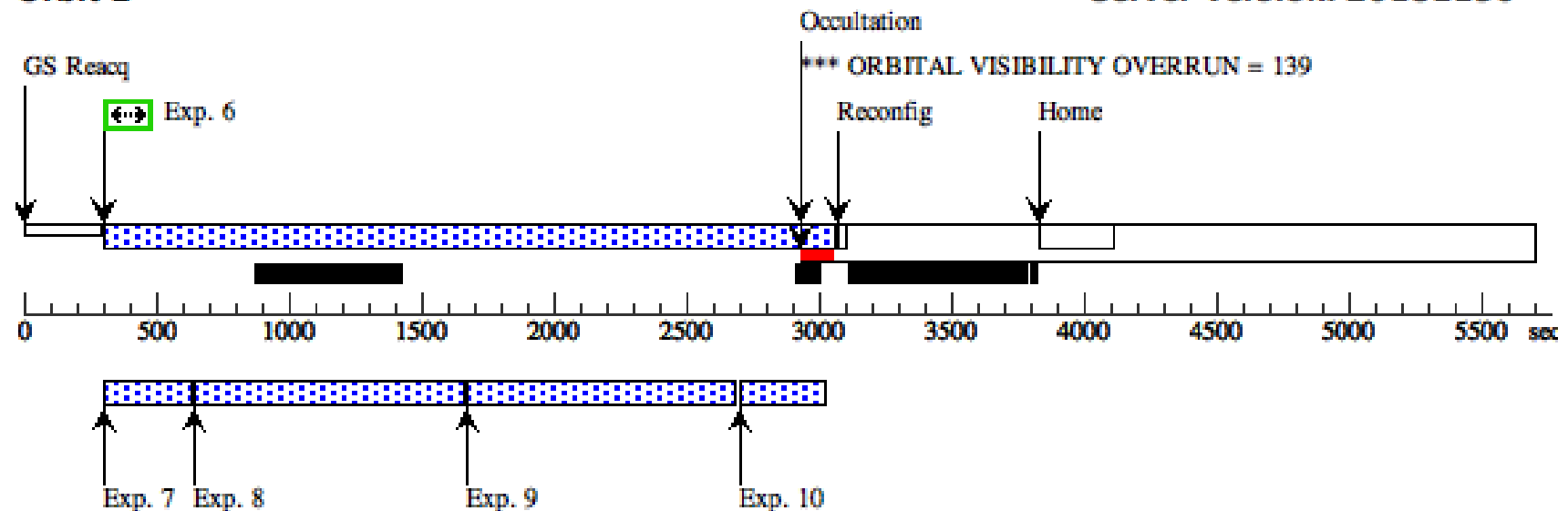
Orbit 1

Server Version: 20181130



Orbit 2

Server Version: 20181130



Proposal 15163 - J0357-481(79) - 4 orbits - G160M (I4) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J0357-481(79) - 4 orbits - G160M (I4), failed Tue Feb 26 23:04:19 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV Special Requirements: SCHED 100% <i>Comments: See comment in I1</i>				
Diagnostics	(J0357-481(79) - 4 orbits - G160M (I4)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.				
	(J0357-481(79) - 4 orbits - G160M (I4)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(J0357-481(79) - 4 orbits - G160M (I4)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(J0357-481(79) - 4 orbits - G160M (I4)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(J0357-481(79) - 4 orbits - G160M (I4)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(9)	J035721.92-481215.2	RA: 03 57 21.9180 (59.3413250d)	Redshift: 1.016	V=16.0
			Dec: -48 12 15.16 (-48.20421d)		fuv=17.76 nuv=16.84
			Equinox: J2000		
	<i>Comments:</i> Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO				

Proposal 15163 - J0357-481(79) - 4 orbits - G160M (I4) - COS Ultraviolet Baryon Survey (CUBS)

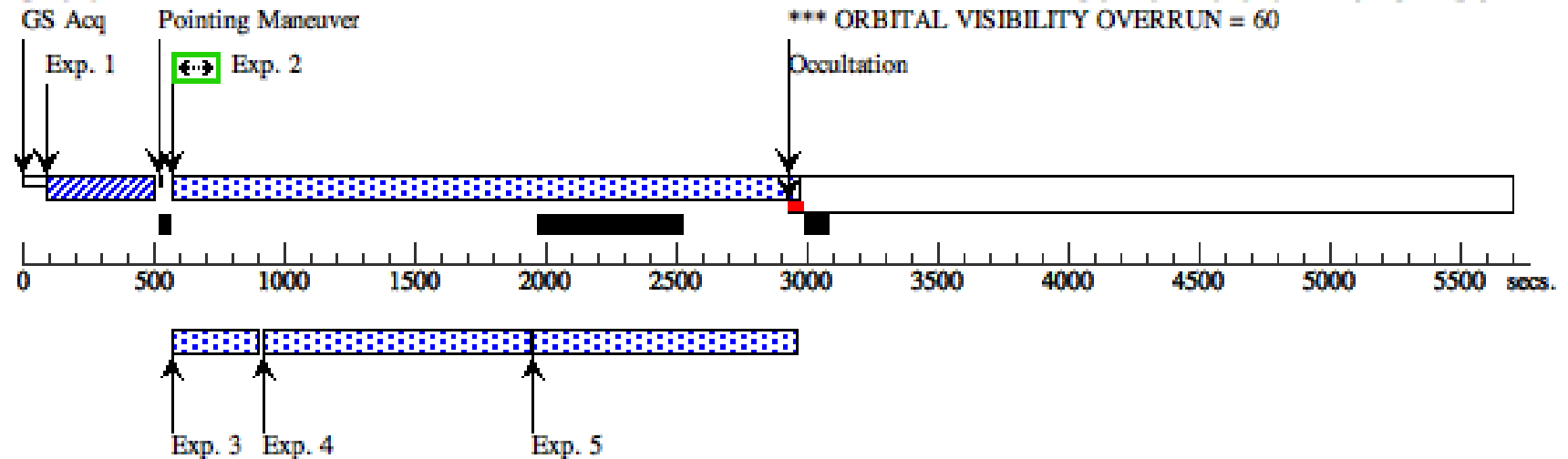
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9406)	(9) J035721.92-4812 15.2	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				57 Secs (57 Secs) [==>]	[1]
	2	C1589/FP1 (COS.sp.101 2137)	(9) J035721.92-4812 15.2	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=1; BUFFER-TIME=25 00		Prime + Parallel Group 2-5 in J0357-481(79) - 4 orbits - G160M (I4)	2191 Secs (2191 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Group 2-5 in J0357-481(79) - 4 orbits - G160M (I4)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Group 2-5 in J0357-481(79) - 4 orbits - G160M (I4)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Group 2-5 in J0357-481(79) - 4 orbits - G160M (I4)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1589/FP3 (COS.sp.101 2137)	(9) J035721.92-4812 15.2	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=3; BUFFER-TIME=25 00		Prime + Parallel Group 6-10 in J0357-481(79) - 4 orbits - G160M (I4)	2702 Secs (2702 Secs) [==>]	[2]
	7	F110-9-S25	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=9; SAMP-SEQ=SPAR S25		Prime + Parallel Group 6-10 in J0357-481(79) - 4 orbits - G160M (I4)	202.936411 Secs (202.936 Secs) [==>]	[2]
	8	G102-12-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=12; SAMP-SEQ=SPAR S100		Prime + Parallel Group 6-10 in J0357-481(79) - 4 orbits - G160M (I4)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	9	G102-12-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=12; SAMP-SEQ=SPAR S100		Prime + Parallel Group 6-10 in J0357-481(79) - 4 orbits - G160M (I4)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	10	F110-10-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=10; SAMP-SEQ=SPAR S25		Prime + Parallel Group 6-10 in J0357-481(79) - 4 orbits - G160M (I4)	227.936926 Secs (227.937 Secs) [==>]	[2]
	11	C1623/FP1 (COS.sp.101 2135)	(9) J035721.92-4812 15.2	COS/FUV, TIME-TAG, PSA	G160M 1623 A	FP-POS=1; BUFFER-TIME=28 00		Prime + Parallel Group 11-15 in J0357-481(79) - 4 orbits - G160M (I4)	2623 Secs (2623 Secs) [==>]	[3]
	12	F110-9-S25	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=9; SAMP-SEQ=SPAR S25		Prime + Parallel Group 11-15 in J0357-481(79) - 4 orbits - G160M (I4)	202.936411 Secs (202.936 Secs) [==>]	[3]
	13	G102-12-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=12; SAMP-SEQ=SPAR S100		Prime + Parallel Group 11-15 in J0357-481(79) - 4 orbits - G160M (I4)	1102.935844 Secs (1102.936 Secs) [==>]	[3]
	14	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Group 11-15 in J0357-481(79) - 4 orbits - G160M (I4)	1002.935521 Secs (1002.936 Secs) [==>]	[3]

Proposal 15163 - J0357-481(79) - 4 orbits - G160M (I4) - COS Ultraviolet Baryon Survey (CUBS)

	15	F160-12-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 11-15 in J0357-48 1(79) - 4 orbits - G16 0M (I4)	277.937956 Secs (277.938 Secs) [==>]	[3]
	16	C1623/FP3 (COS.sp.101 15.2 2135)	(9) J035721.92-4812	COS/FUV, TIME-TAG, PSA	G160M 1623 A	FP-POS=3; BUFFER-TIME=25 00	Prime + Parallel Gro up 16-20 in J0357-48 1(79) - 4 orbits - G16 0M (I4)	2702 Secs (2702 Secs) [==>]	[4]
	17	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 16-20 in J0357-48 1(79) - 4 orbits - G16 0M (I4)	302.938471 Secs (302.938 Secs) [==>]	[4]
	18	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 16-20 in J0357-48 1(79) - 4 orbits - G16 0M (I4)	1002.935521 Secs (1002.936 Secs) [==>]	[4]
	19	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 16-20 in J0357-48 1(79) - 4 orbits - G16 0M (I4)	1002.935521 Secs (1002.936 Secs) [==>]	[4]
	20	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 16-20 in J0357-48 1(79) - 4 orbits - G16 0M (I4)	302.938471 Secs (302.938 Secs) [==>]	[4]

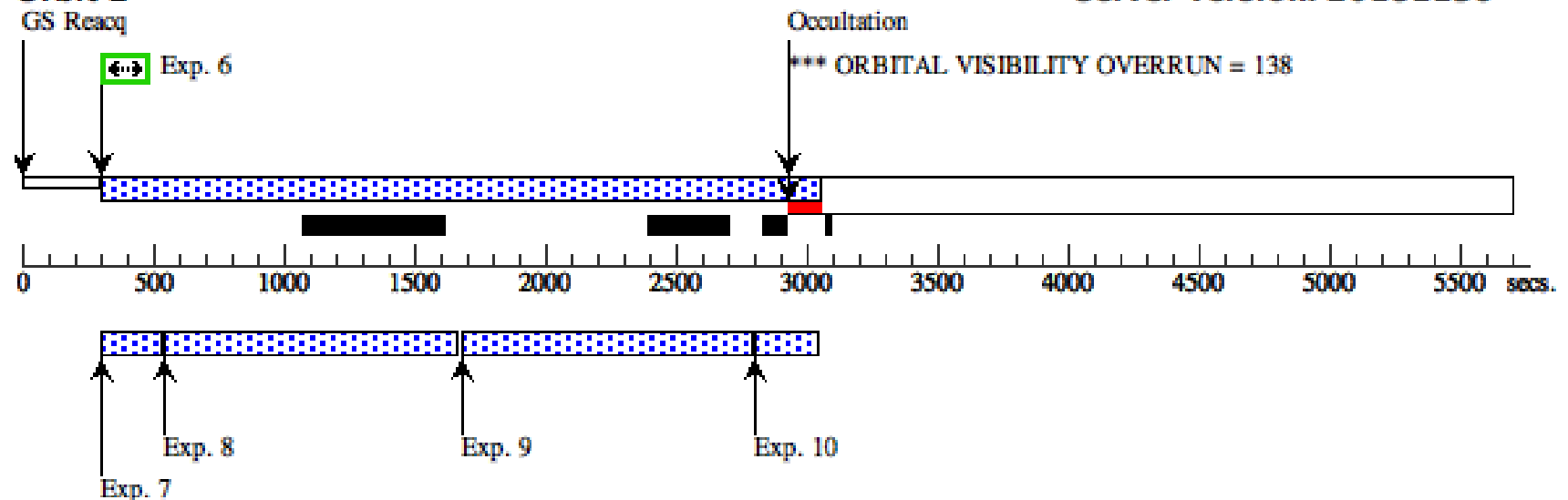
Orbit 1

Server Version: 20181130



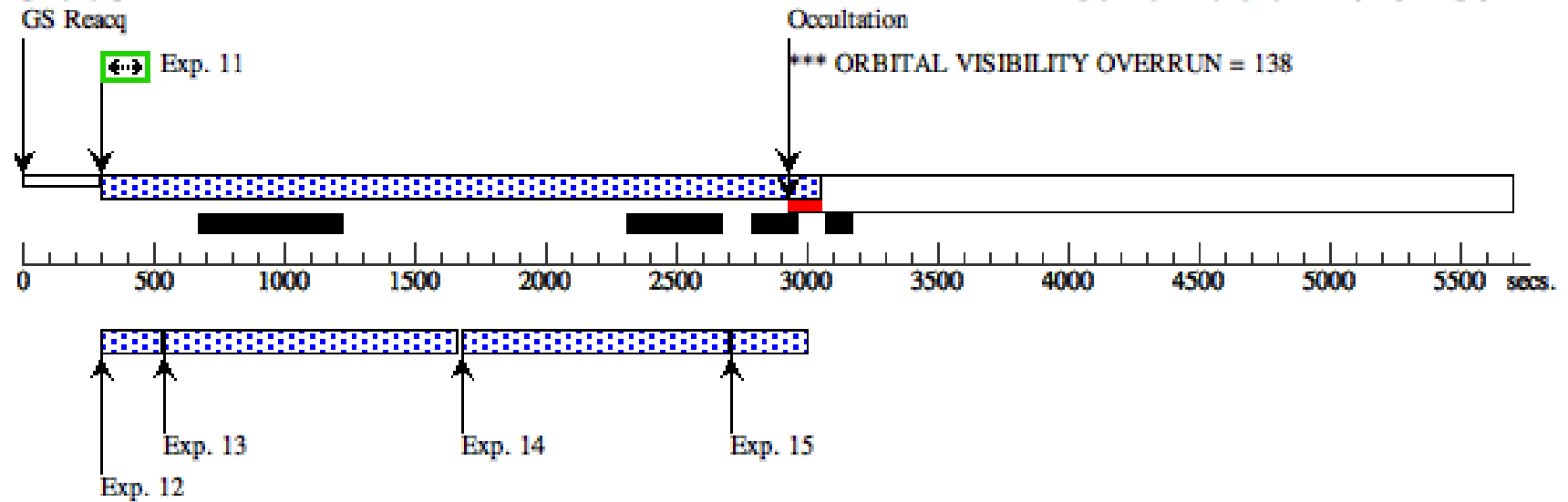
Orbit 2

Server Version: 20181130



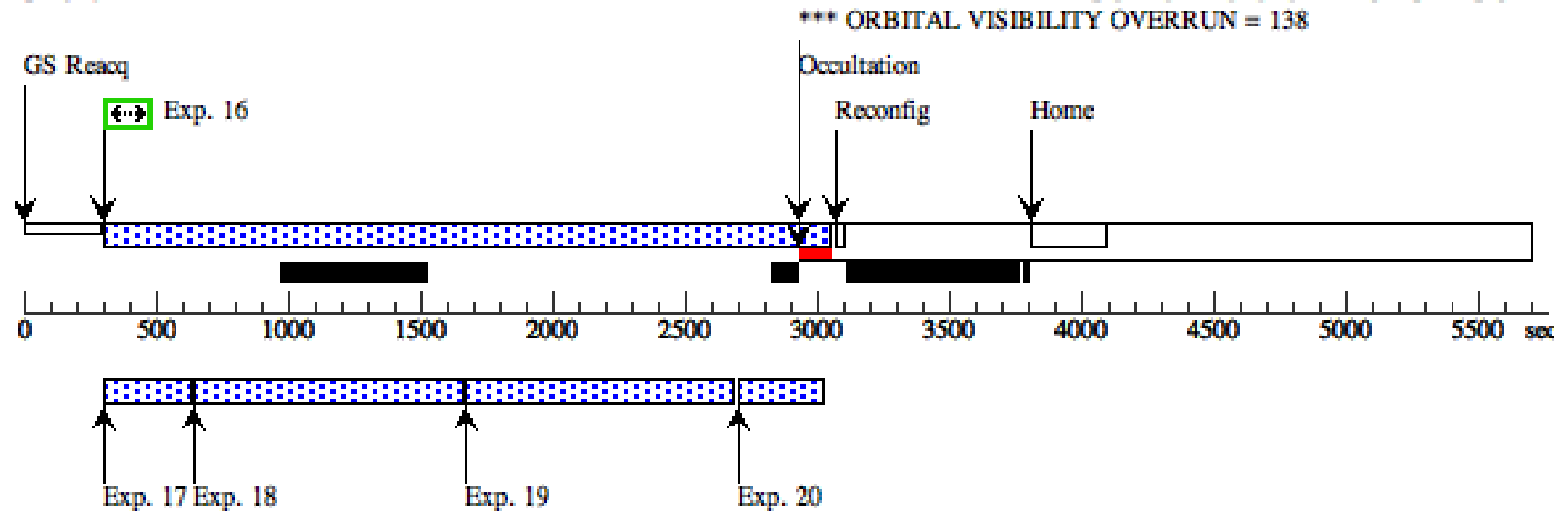
Orbit 3

Server Version: 20181130



Orbit 4

Server Version: 20181130



Proposal 15163 - J0420-5650(78) - 4 orbits - G130M - BaseOrient (J1) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J0420-5650(78) - 4 orbits - G130M - BaseOrient (J1), completed				Tue Feb 26 23:04:19 GMT 2019	
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%					
	Comments: This target has 15 orbits. This visit contains 7 G130M orbits+ 8 G160M 3 orbits C1223 + 4 orbits C1291 2 orbits C1577 + 2 orbits C1589 + 2 orbits C1611 + 2 orbits C1623 I1 : 4G130M TAC1291F3 + C1291F4 + C1223F12 + C1223F3 I2 : 3G130M TAC1291F3 + C1291F4 + C1223F4 I3 : 4G160M TAC1611F1 + C1611F3 + C1577F1 + C1577F3 I4 : 4G160M TAC1589F1 + C1589F3 + C1623F1 + G1623F3					
Diagnostics	(J0420-5650(78) - 4 orbits - G130M - BaseOrient (J1)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.					
	(J0420-5650(78) - 4 orbits - G130M - BaseOrient (J1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0420-5650(78) - 4 orbits - G130M - BaseOrient (J1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0420-5650(78) - 4 orbits - G130M - BaseOrient (J1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0420-5650(78) - 4 orbits - G130M - BaseOrient (J1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(10)	J042054.00-565044.0	RA: 04 20 53.9070 (65.2246125d) Dec: -56 50 43.96 (-56.84554d) Equinox: J2000	Redshift: 0.944	V=17.2 fuv=17.61 nuv=16.86	Reference Frame: ICRS
	Comments: Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO					

Proposal 15163 - J0420-5650(78) - 4 orbits - G130M - BaseOrient (J1) - COS Ultraviolet Baryon Survey (CUBS)

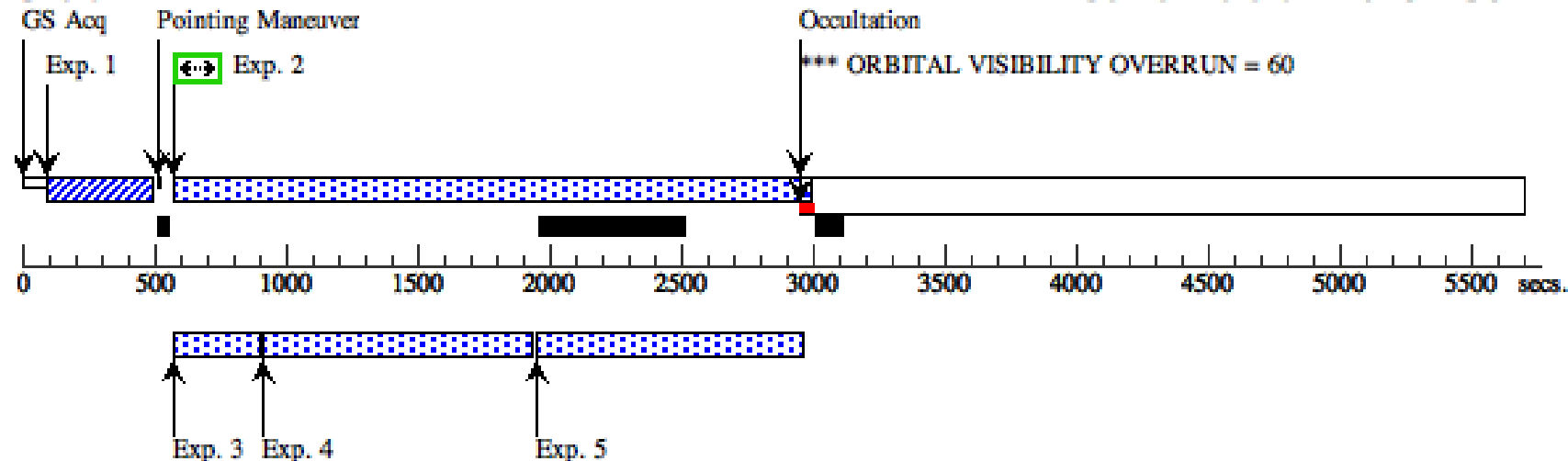
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9409)	(10) J042054.00-565 044.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				55 Secs (55 Secs) [==>]	[1]
	2	C1291/FP3 (COS.sp.101 2109)	(10) J042054.00-565 044.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=25 00		Prime + Parallel Gro up 2-5 in J0420-5650 (78) - 4 orbits - G130 M - BaseOrient (J1)	2255 Secs (2255 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J0420-5650 (78) - 4 orbits - G130 M - BaseOrient (J1)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0420-5650 (78) - 4 orbits - G130 M - BaseOrient (J1)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0420-5650 (78) - 4 orbits - G130 M - BaseOrient (J1)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1291/FP4 (COS.sp.101 2109)	(10) J042054.00-565 044.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=28 00		Prime + Parallel Gro up 6-10 in J0420-565 0(78) - 4 orbits - G13 0M - BaseOrient (J1)	2719 Secs (2719 Secs) [==>]	[2]
	7	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0420-565 0(78) - 4 orbits - G13 0M - BaseOrient (J1)	302.938471 Secs (302.938 Secs) [==>]	[2]
	8	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0420-565 0(78) - 4 orbits - G13 0M - BaseOrient (J1)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	9	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0420-565 0(78) - 4 orbits - G13 0M - BaseOrient (J1)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	10	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0420-565 0(78) - 4 orbits - G13 0M - BaseOrient (J1)	302.938471 Secs (302.938 Secs) [==>]	[2]
	11	C1222/FP1 (COS.sp.101 3001)	(10) J042054.00-565 044.0	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=1; BUFFER-TIME=11 55		Prime + Parallel Gro up 11-13 in J0420-56 50(78) - 4 orbits - G1 30M - BaseOrient (J 1)	1255 Secs (1255 Secs) [==>]	[3]
	12	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 11-13 in J0420-56 50(78) - 4 orbits - G1 30M - BaseOrient (J 1)	252.937441 Secs (252.937 Secs) [==>]	[3]
	13	G102-12-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=12; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-13 in J0420-56 50(78) - 4 orbits - G1 30M - BaseOrient (J 1)	1102.935844 Secs (1102.936 Secs) [==>]	[3]

Proposal 15163 - J0420-5650(78) - 4 orbits - G130M - BaseOrient (J1) - COS Ultraviolet Baryon Survey (CUBS)

14	C1222/FP2 (COS.sp.101 044.0 3001)	(10) J042054.00-565	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=2; BUFFER-TIME=20 00	Prime + Parallel Gro up 14-16 in J0420-56 50(78) - 4 orbits - G1 30M - BaseOrient (J 1)	1252 Secs (1252 Secs) [==>]	[3]
15	F160-14-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 14-16 in J0420-56 50(78) - 4 orbits - G1 30M - BaseOrient (J 1)	327.938986 Secs (327.939 Secs) [==>]	[3]
16	G141-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 14-16 in J0420-56 50(78) - 4 orbits - G1 30M - BaseOrient (J 1)	902.935198 Secs (902.935 Secs) [==>]	[3]
17	C1222/FP3 (COS.sp.101 044.0 3001)	(10) J042054.00-565	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=3; BUFFER-TIME=20 00	Prime + Parallel Gro up 17-21 in J0420-56 50(78) - 4 orbits - G1 30M - BaseOrient (J 1)	2719 Secs (2719 Secs) [==>]	[4]
18	F160-15-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=15; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 17-21 in J0420-56 50(78) - 4 orbits - G1 30M - BaseOrient (J 1)	352.939501 Secs (352.94 Secs) [==>]	[4]
19	G141-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 17-21 in J0420-56 50(78) - 4 orbits - G1 30M - BaseOrient (J 1)	902.935198 Secs (902.935 Secs) [==>]	[4]
20	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 17-21 in J0420-56 50(78) - 4 orbits - G1 30M - BaseOrient (J 1)	1002.935521 Secs (1002.936 Secs) [==>]	[4]
21	F160-15-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=15; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 17-21 in J0420-56 50(78) - 4 orbits - G1 30M - BaseOrient (J 1)	352.939501 Secs (352.94 Secs) [==>]	[4]

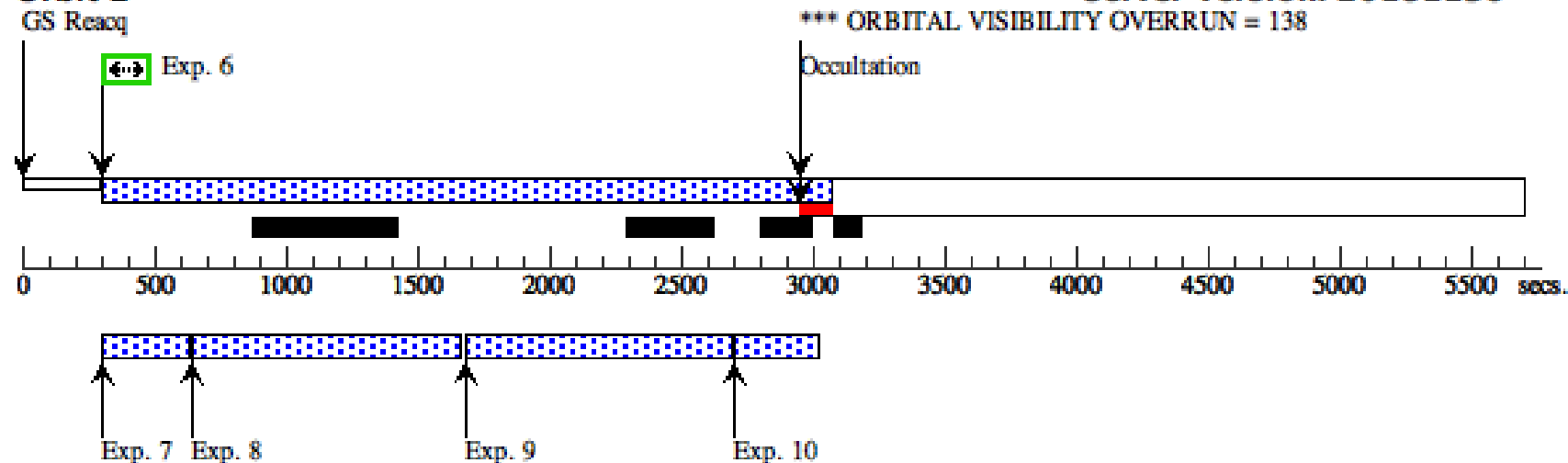
Orbit 1

Server Version: 20181130



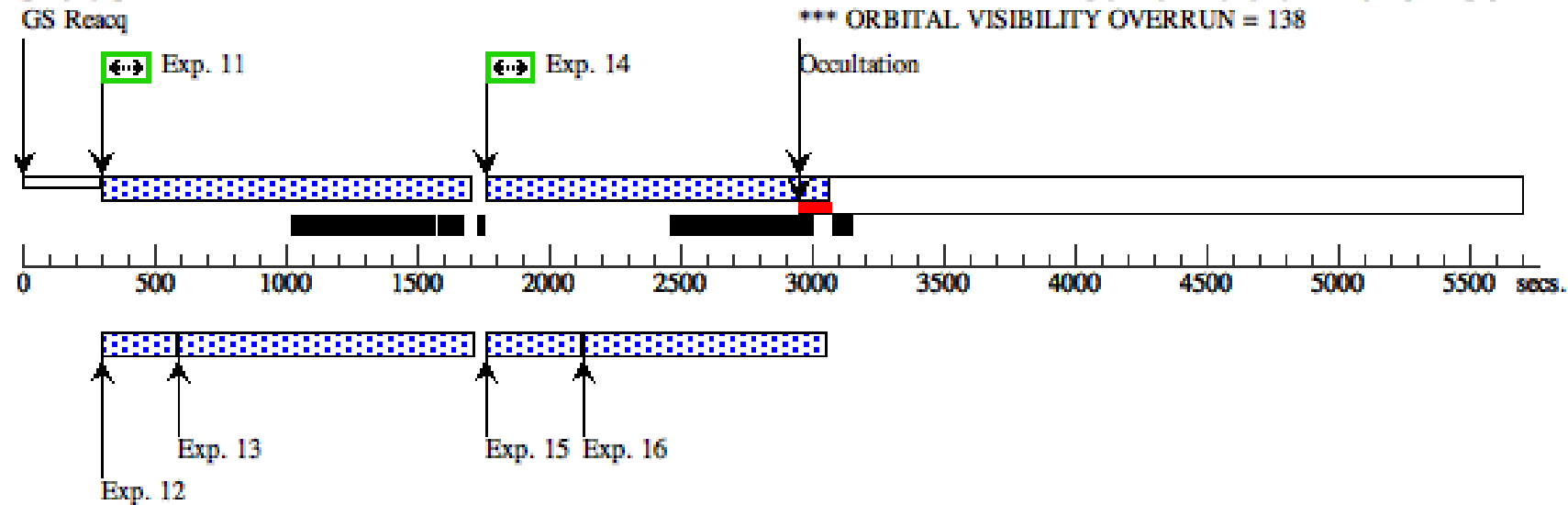
Orbit 2

Server Version: 20181130



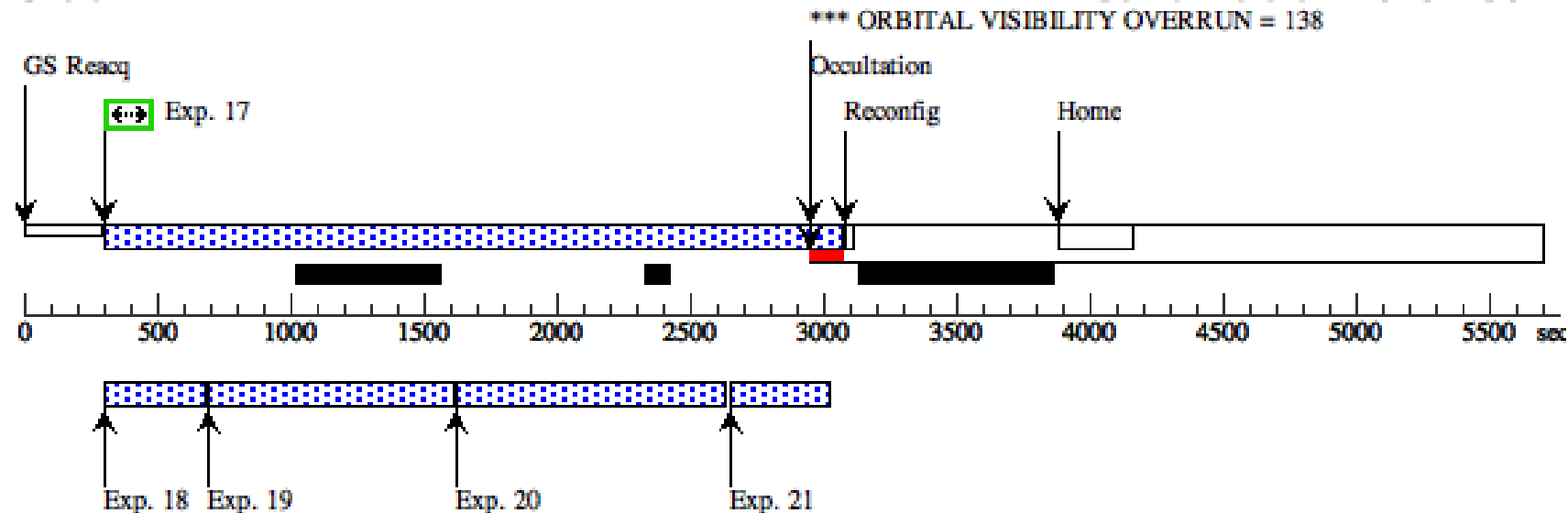
Orbit 3

Server Version: 20181130



Orbit 4

Server Version: 20181130



Proposal 15163 - J0420-5650(78) - 3 orbits - G130M (J2) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J0420-5650(78) - 3 orbits - G130M (J2), completed Tue Feb 26 23:04:19 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV Special Requirements: SCHED 100% <i>Comments: See comment in J1</i>				
Diagnostics	(J0420-5650(78) - 3 orbits - G130M (J2)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (J0420-5650(78) - 3 orbits - G130M (J2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J0420-5650(78) - 3 orbits - G130M (J2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J0420-5650(78) - 3 orbits - G130M (J2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(10)	J042054.00-565044.0	RA: 04 20 53.9070 (65.2246125d) Dec: -56 50 43.96 (-56.84554d) Equinox: J2000	Redshift: 0.944	V=17.2 fuv=17.61 nuv=16.86
Fixed Targets	Comments: Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO				

Proposal 15163 - J0420-5650(78) - 3 orbits - G130M (J2) - COS Ultraviolet Baryon Survey (CUBS)

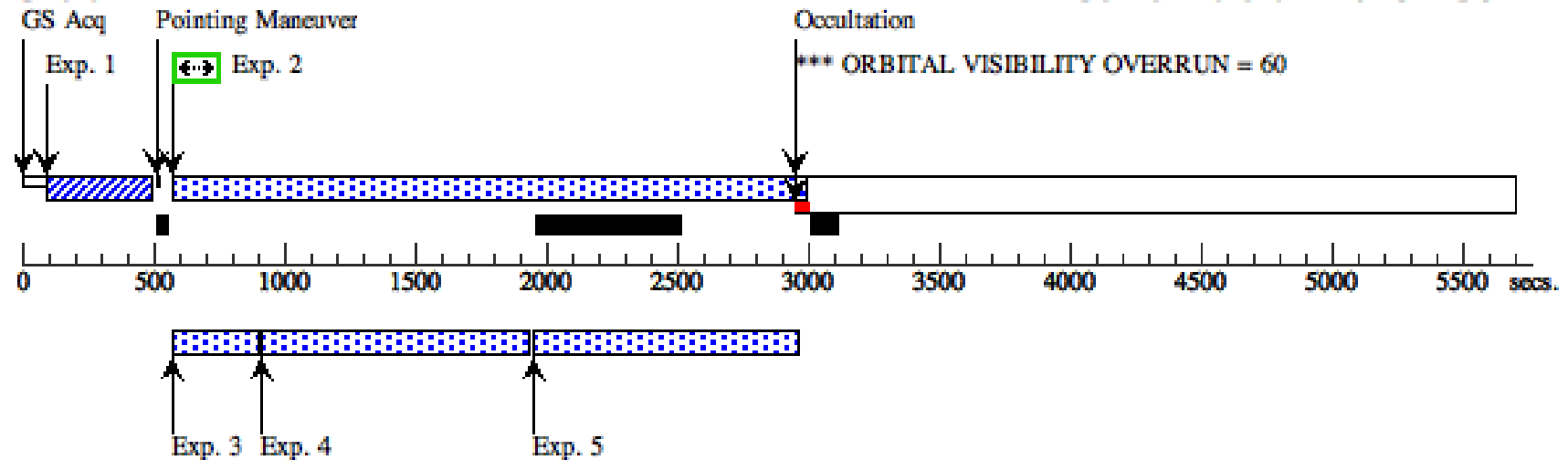
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9409)	(10) J042054.00-565 044.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				55 Secs (55 Secs) [==>]	[1]
	2	C1291/FP3 (COS.sp.101 2109)	(10) J042054.00-565 044.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=25 00		Prime + Parallel Gro up 2-5 in J0420-5650 (78) - 3 orbits - G130 M (J2)	2255 Secs (2255 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J0420-5650 (78) - 3 orbits - G130 M (J2)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0420-5650 (78) - 3 orbits - G130 M (J2)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0420-5650 (78) - 3 orbits - G130 M (J2)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1291/FP4 (COS.sp.101 2109)	(10) J042054.00-565 044.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=18 00		Prime + Parallel Gro up 6-12 in J0420-565 0(78) - 3 orbits - G13 0M (J2)	2719 Secs (2719 Secs) [==>]	[2]
	7	F160-9-S25	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=9; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-12 in J0420-565 0(78) - 3 orbits - G13 0M (J2)	202.936411 Secs (202.936 Secs) [==>]	[2]
	8	G141-14-S5 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=SPAR S50		Prime + Parallel Gro up 6-12 in J0420-565 0(78) - 3 orbits - G13 0M (J2)	652.938154 Secs (652.938 Secs) [==>]	[2]
	9	F160-9-S25	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=9; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-12 in J0420-565 0(78) - 3 orbits - G13 0M (J2)	202.936411 Secs (202.936 Secs) [==>]	[2]
	10	G141-14-S5 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=SPAR S50		Prime + Parallel Gro up 6-12 in J0420-565 0(78) - 3 orbits - G13 0M (J2)	652.938154 Secs (652.938 Secs) [==>]	[2]
	11	F160-9-S25	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=9; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-12 in J0420-565 0(78) - 3 orbits - G13 0M (J2)	202.936411 Secs (202.936 Secs) [==>]	[2]
	12	G141-14-S5 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=SPAR S50		Prime + Parallel Gro up 6-12 in J0420-565 0(78) - 3 orbits - G13 0M (J2)	652.938154 Secs (652.938 Secs) [==>]	[2]
	13	C1222/FP4 (COS.sp.101 3001)	(10) J042054.00-565 044.0	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=4; BUFFER-TIME=20 00		Prime + Parallel Gro up 13-17 in J0420-56 50(78) - 3 orbits - G1 30M (J2)	2622 Secs (2622 Secs) [==>]	[3]
	14	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 13-17 in J0420-56 50(78) - 3 orbits - G1 30M (J2)	302.938471 Secs (302.938 Secs) [==>]	[3]

Proposal 15163 - J0420-5650(78) - 3 orbits - G130M (J2) - COS Ultraviolet Baryon Survey (CUBS)

	15	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 13-17 in J0420-56 50(78) - 3 orbits - G1 30M (J2)	1002.935521 Secs (1002.936 Secs) [==>]	[3]
	16	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 13-17 in J0420-56 50(78) - 3 orbits - G1 30M (J2)	1002.935521 Secs (1002.936 Secs) [==>]	[3]
	17	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 13-17 in J0420-56 50(78) - 3 orbits - G1 30M (J2)	302.938471 Secs (302.938 Secs) [==>]	[3]

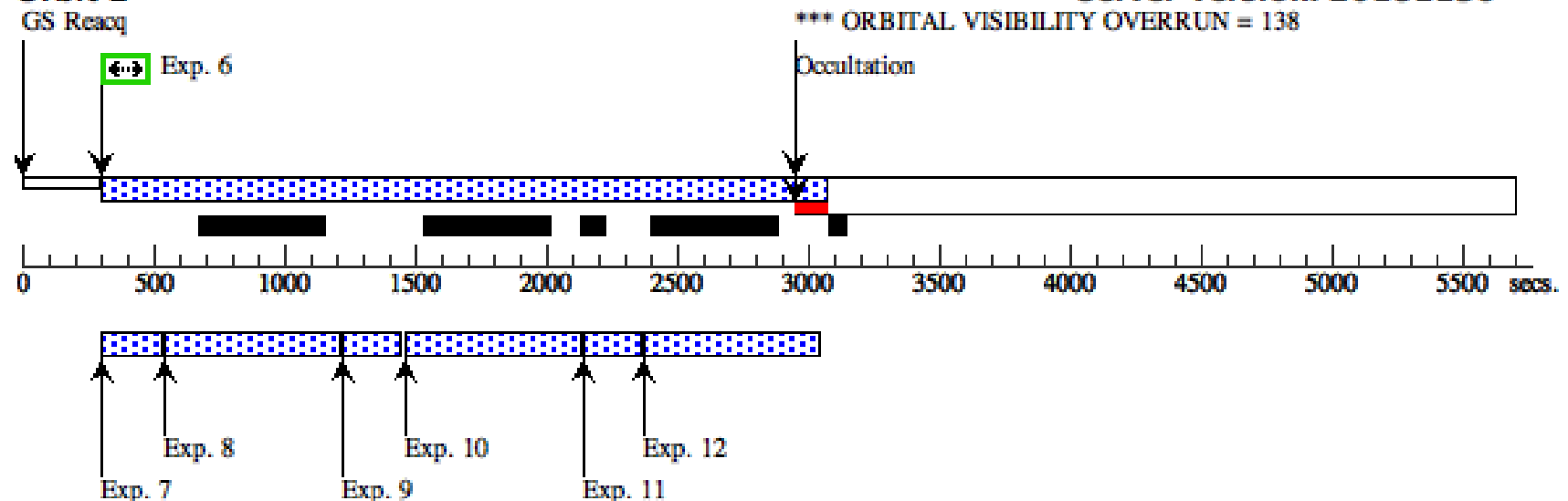
Orbit 1

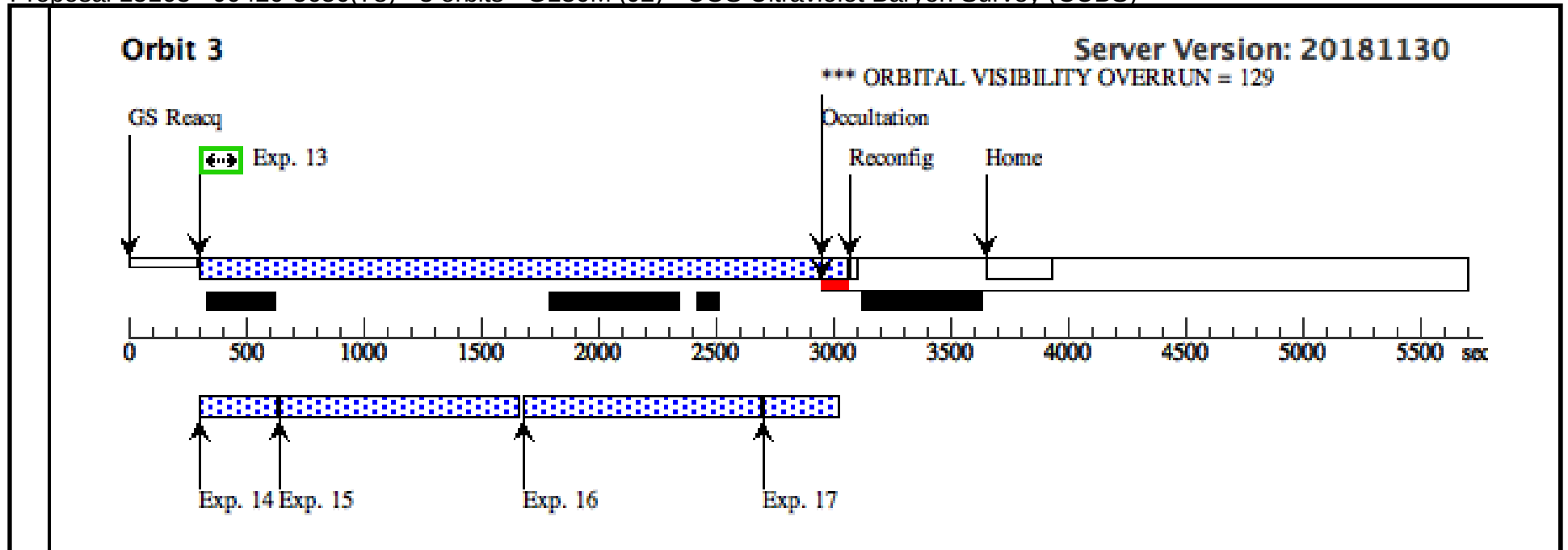
Server Version: 20181130



Orbit 2

Server Version: 20181130





Proposal 15163 - J0420-5650(78) - 4 orbits - G160M (J3) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J0420-5650(78) - 4 orbits - G160M (J3), completed Tue Feb 26 23:04:19 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV Special Requirements: SCHED 100% <i>Comments: See comment in J3</i>				
Diagnostics	(J0420-5650(78) - 4 orbits - G160M (J3)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (J0420-5650(78) - 4 orbits - G160M (J3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J0420-5650(78) - 4 orbits - G160M (J3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J0420-5650(78) - 4 orbits - G160M (J3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J0420-5650(78) - 4 orbits - G160M (J3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(10)	J042054.00-565044.0	RA: 04 20 53.9070 (65.2246125d) Dec: -56 50 43.96 (-56.84554d) Equinox: J2000	Redshift: 0.944	V=17.2 fuv=17.61 nuv=16.86
Fixed Targets	<i>Comments:</i> Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO				

Proposal 15163 - J0420-5650(78) - 4 orbits - G160M (J3) - COS Ultraviolet Baryon Survey (CUBS)

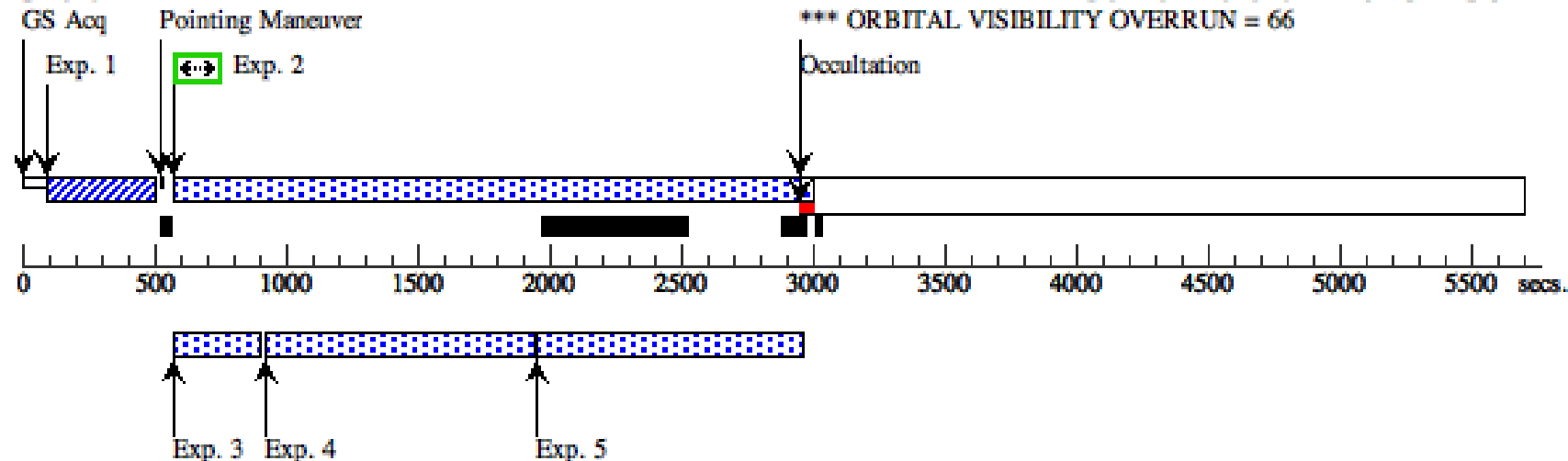
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9409)	(10) J042054.00-565 044.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				57 Secs (57 Secs) [==>]	[1]
	2	C1623/FP1 (COS.sp.101 2117)	(10) J042054.00-565 044.0	COS/FUV, TIME-TAG, PSA	G160M 1623 A	FP-POS=1; BUFFER-TIME=21 00		Prime + Parallel Gro up 2-5 in J0420-5650 (78) - 4 orbits - G160 M (J3)	2204 Secs (2204 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J0420-5650 (78) - 4 orbits - G160 M (J3)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0420-5650 (78) - 4 orbits - G160 M (J3)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0420-5650 (78) - 4 orbits - G160 M (J3)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1623/FP3 (COS.sp.101 2117)	(10) J042054.00-565 044.0	COS/FUV, TIME-TAG, PSA	G160M 1623 A	FP-POS=3; BUFFER-TIME=25 00		Prime + Parallel Gro up 6-10 in J0420-565 0(78) - 4 orbits - G16 0M (J3)	2719 Secs (2719 Secs) [==>]	[2]
	7	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0420-565 0(78) - 4 orbits - G16 0M (J3)	302.938471 Secs (302.938 Secs) [==>]	[2]
	8	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0420-565 0(78) - 4 orbits - G16 0M (J3)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	9	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0420-565 0(78) - 4 orbits - G16 0M (J3)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	10	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0420-565 0(78) - 4 orbits - G16 0M (J3)	302.938471 Secs (302.938 Secs) [==>]	[2]
	11	C1577/FP1 (COS.sp.101 2114)	(10) J042054.00-565 044.0	COS/FUV, TIME-TAG, PSA	G160M 1577 A	FP-POS=1; BUFFER-TIME=25 30		Prime + Parallel Gro up 11-15 in J0420-56 50(78) - 4 orbits - G1 60M (J3)	2638 Secs (2638 Secs) [==>]	[3]
	12	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 11-15 in J0420-56 50(78) - 4 orbits - G1 60M (J3)	302.938471 Secs (302.938 Secs) [==>]	[3]
	13	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-15 in J0420-56 50(78) - 4 orbits - G1 60M (J3)	1002.935521 Secs (1002.936 Secs) [==>]	[3]
	14	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-15 in J0420-56 50(78) - 4 orbits - G1 60M (J3)	1002.935521 Secs (1002.936 Secs) [==>]	[3]

Proposal 15163 - J0420-5650(78) - 4 orbits - G160M (J3) - COS Ultraviolet Baryon Survey (CUBS)

	15	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 11-15 in J0420-56 50(78) - 4 orbits - G1 60M (J3)	302.938471 Secs (302.938 Secs)	[3]
	16	C1577/FP3 (COS.sp.101 044.0 2114)	(10) J042054.00-565	COS/FUV, TIME-TAG, PSA	G160M 1577 A	FP-POS=3; BUFFER-TIME=25 00	Prime + Parallel Gro up 16-20 in J0420-56 50(78) - 4 orbits - G1 60M (J3)	2720 Secs (2720 Secs)	[4]
	17	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 16-20 in J0420-56 50(78) - 4 orbits - G1 60M (J3)	302.938471 Secs (302.938 Secs)	[4]
	18	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 16-20 in J0420-56 50(78) - 4 orbits - G1 60M (J3)	1002.935521 Secs (1002.936 Secs)	[4]
	19	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 16-20 in J0420-56 50(78) - 4 orbits - G1 60M (J3)	1002.935521 Secs (1002.936 Secs)	[4]
	20	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 16-20 in J0420-56 50(78) - 4 orbits - G1 60M (J3)	302.938471 Secs (302.938 Secs)	[4]

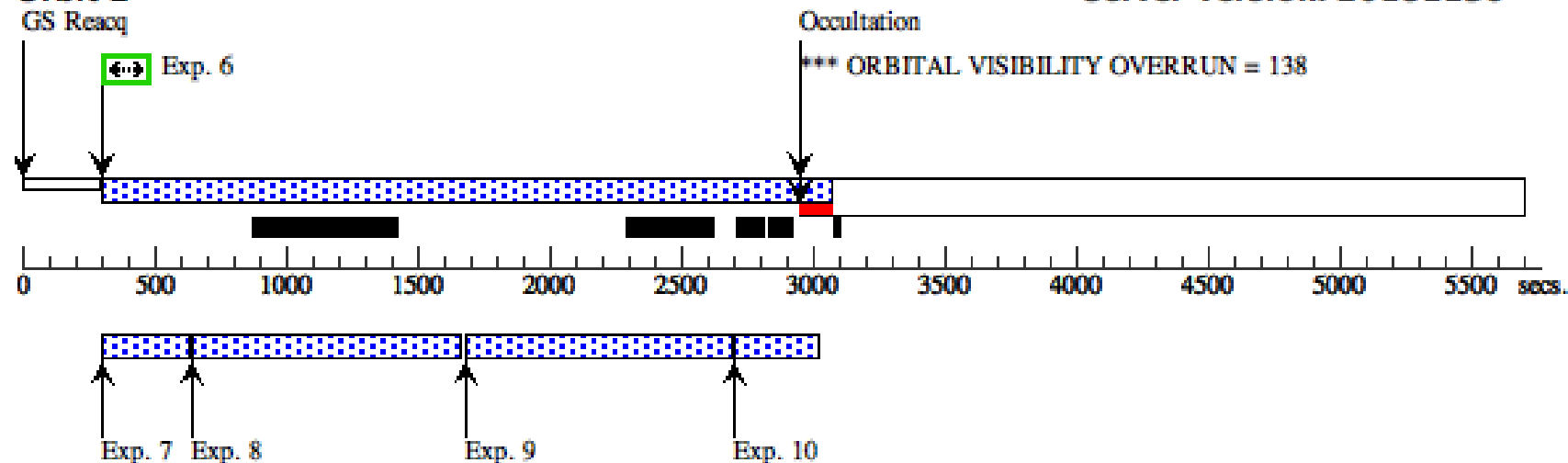
Orbit 1

Server Version: 20181130



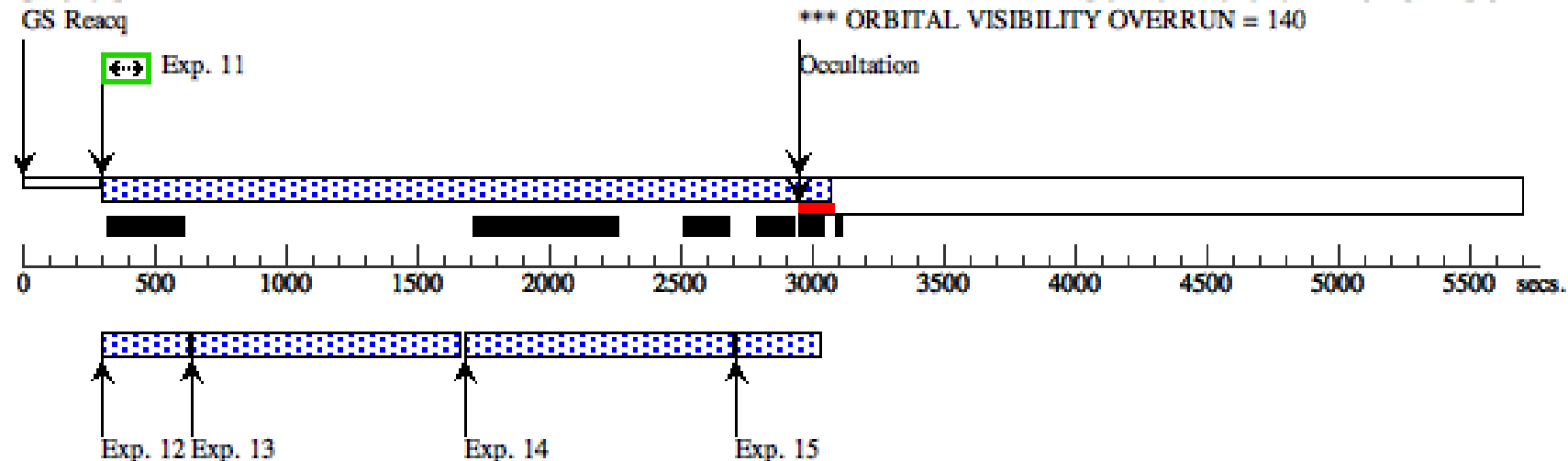
Orbit 2

Server Version: 20181130



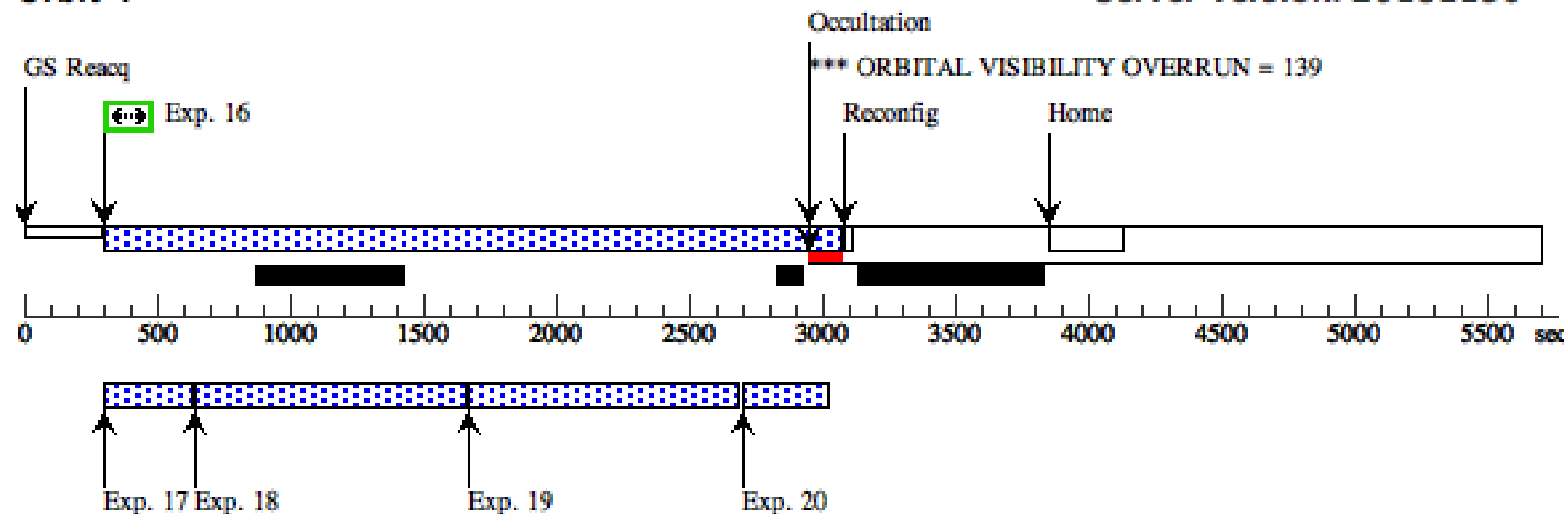
Orbit 3

Server Version: 20181130



Orbit 4

Server Version: 20181130



Proposal 15163 - J0420-5650(78) - 4 orbits - G160M (J4) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J0420-5650(78) - 4 orbits - G160M (J4), completed Tue Feb 26 23:04:20 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV Special Requirements: SCHED 100% <i>Comments: See comment in J4</i>				
Diagnostics	(J0420-5650(78) - 4 orbits - G160M (J4)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (J0420-5650(78) - 4 orbits - G160M (J4)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J0420-5650(78) - 4 orbits - G160M (J4)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J0420-5650(78) - 4 orbits - G160M (J4)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J0420-5650(78) - 4 orbits - G160M (J4)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(10)	J042054.00-565044.0	RA: 04 20 53.9070 (65.2246125d) Dec: -56 50 43.96 (-56.84554d) Equinox: J2000	Redshift: 0.944	V=17.2 fuv=17.61 nuv=16.86
Fixed Targets	<i>Comments:</i> Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO				

Proposal 15163 - J0420-5650(78) - 4 orbits - G160M (J4) - COS Ultraviolet Baryon Survey (CUBS)

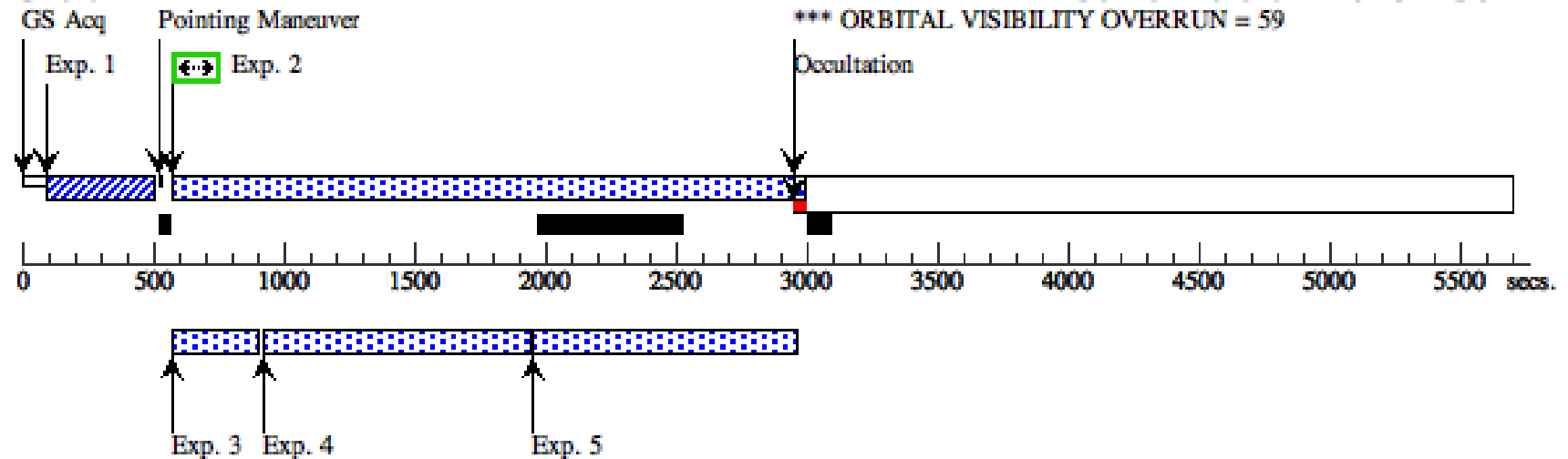
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9409)	(10) J042054.00-565 044.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				57 Secs (57 Secs) [==>]	[1]
	2	C1589/FP1 (COS.sp.101 2114)	(10) J042054.00-565 044.0	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=1; BUFFER-TIME=25 00		Prime + Parallel Gro up 2-5 in J0420-5650 (78) - 4 orbits - G160 M (J4)	2207 Secs (2207 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J0420-5650 (78) - 4 orbits - G160 M (J4)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0420-5650 (78) - 4 orbits - G160 M (J4)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0420-5650 (78) - 4 orbits - G160 M (J4)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1589/FP3 (COS.sp.101 2114)	(10) J042054.00-565 044.0	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=3; BUFFER-TIME=25 00		Prime + Parallel Gro up 6-10 in J0420-565 0(78) - 4 orbits - G16 0M (J4)	2719 Secs (2719 Secs) [==>]	[2]
	7	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0420-565 0(78) - 4 orbits - G16 0M (J4)	302.938471 Secs (302.938 Secs) [==>]	[2]
	8	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0420-565 0(78) - 4 orbits - G16 0M (J4)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	9	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0420-565 0(78) - 4 orbits - G16 0M (J4)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	10	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0420-565 0(78) - 4 orbits - G16 0M (J4)	302.938471 Secs (302.938 Secs) [==>]	[2]
	11	C1611/FP1 (COS.sp.101 2117)	(10) J042054.00-565 044.0	COS/FUV, TIME-TAG, PSA	G160M 1611 A	FP-POS=1; BUFFER-TIME=28 00		Prime + Parallel Gro up 11-15 in J0420-56 50(78) - 4 orbits - G1 60M (J4)	2643 Secs (2643 Secs) [==>]	[3]
	12	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 11-15 in J0420-56 50(78) - 4 orbits - G1 60M (J4)	302.938471 Secs (302.938 Secs) [==>]	[3]
	13	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-15 in J0420-56 50(78) - 4 orbits - G1 60M (J4)	1002.935521 Secs (1002.936 Secs) [==>]	[3]
	14	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-15 in J0420-56 50(78) - 4 orbits - G1 60M (J4)	1002.935521 Secs (1002.936 Secs) [==>]	[3]

Proposal 15163 - J0420-5650(78) - 4 orbits - G160M (J4) - COS Ultraviolet Baryon Survey (CUBS)

	15	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 11-15 in J0420-56 50(78) - 4 orbits - G1 60M (J4)	302.938471 Secs (302.938 Secs)	[3]
	16	C1611/FP3 (COS.sp.101 044.0 2117)	(10) J042054.00-565	COS/FUV, TIME-TAG, PSA	G160M 1611 A	FP-POS=3; BUFFER-TIME=25 00	Prime + Parallel Gro up 16-20 in J0420-56 50(78) - 4 orbits - G1 60M (J4)	2719 Secs (2719 Secs)	[4]
	17	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 16-20 in J0420-56 50(78) - 4 orbits - G1 60M (J4)	302.938471 Secs (302.938 Secs)	[4]
	18	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 16-20 in J0420-56 50(78) - 4 orbits - G1 60M (J4)	1002.935521 Secs (1002.936 Secs)	[4]
	19	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 16-20 in J0420-56 50(78) - 4 orbits - G1 60M (J4)	1002.935521 Secs (1002.936 Secs)	[4]
	20	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 16-20 in J0420-56 50(78) - 4 orbits - G1 60M (J4)	302.938471 Secs (302.938 Secs)	[4]

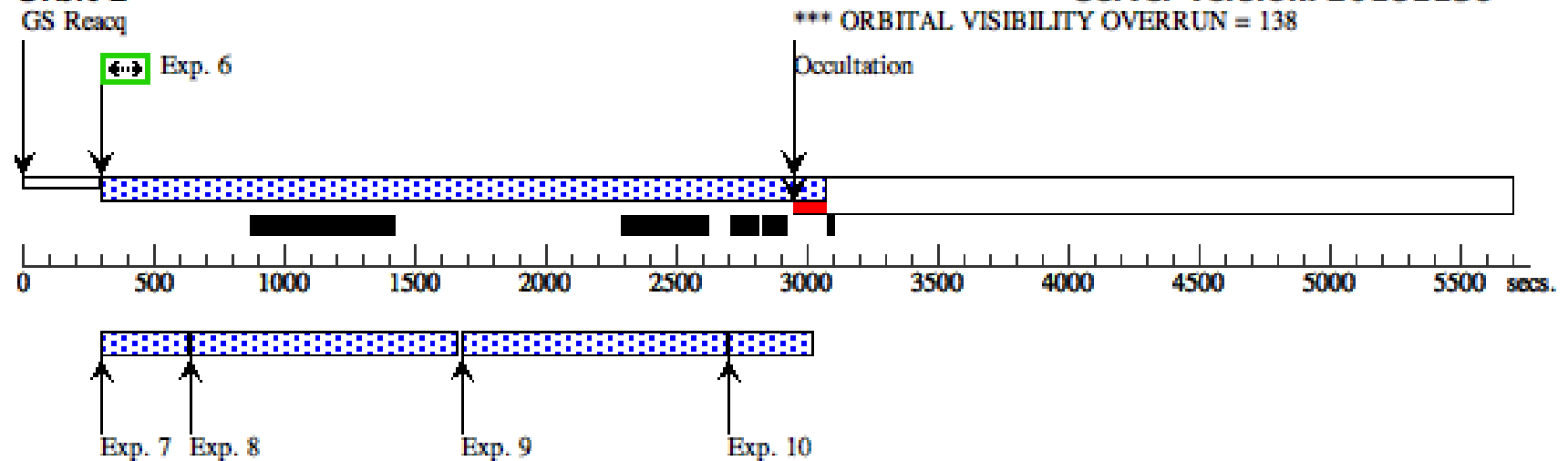
Orbit 1

Server Version: 20181130



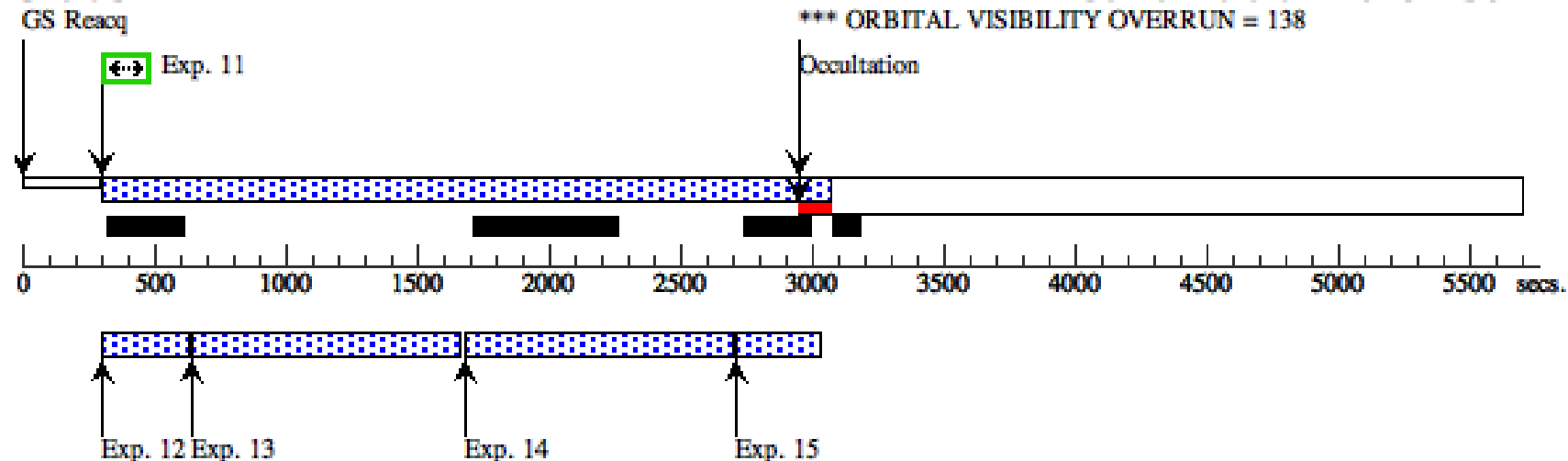
Orbit 2

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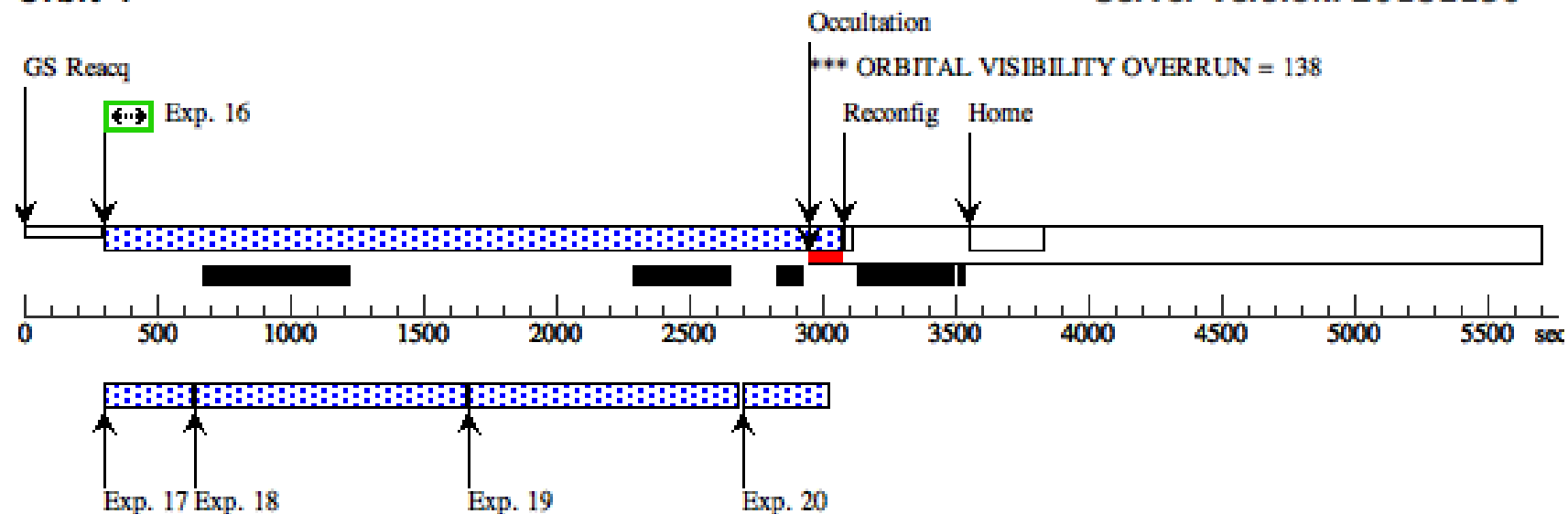
Orbit 3

Server Version: 20181130



Orbit 4

Server Version: 20181130



Proposal 15163 - J0110-164(68) - 4 orbits - G130M - BaseOrient (B1) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J0110-164(68) - 4 orbits - G130M - BaseOrient (B1), completed					Tue Feb 26 23:04:20 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%; ORIENT 203D TO 175 D					
	Comments: This target has 15 orbits. This visit contains 6 G130M orbits+ 8 G160M 3 orbits C1223 + 3 orbits C1291 2 orbits C1577 + 2 orbits C1589 + 2 orbits C1611 + 2 orbits C1623 B1 : 4G130M TAC1291F3 + C1291F4 + C1223F12 + C1223F3 B2 : 2G130M TAC1589F4 + C1291F3 + C1223F4 B3 : 4G160M TAC1611F2 + C1577F2 + C1577F4 B4 : 4G160M TAC1589F2 + C1611F4 + C1623F2 + G1623F4					
Diagnostics	(J0110-164(68) - 4 orbits - G130M - BaseOrient (B1)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.					
	(J0110-164(68) - 4 orbits - G130M - BaseOrient (B1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0110-164(68) - 4 orbits - G130M - BaseOrient (B1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0110-164(68) - 4 orbits - G130M - BaseOrient (B1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0110-164(68) - 4 orbits - G130M - BaseOrient (B1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	J011035.51-164827.7	RA: 01 10 35.5100 (17.6479583d) Dec: -16 48 27.70 (-16.80769d) Equinox: J2000	Redshift: 0.777	V=16.0 fuv=17.31 nuv=16.72	Reference Frame: ICRS
	Comments:					
	Category=EXT-MEDIUM					
	Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO					

Proposal 15163 - J0110-164(68) - 4 orbits - G130M - BaseOrient (B1) - COS Ultraviolet Baryon Survey (CUBS)

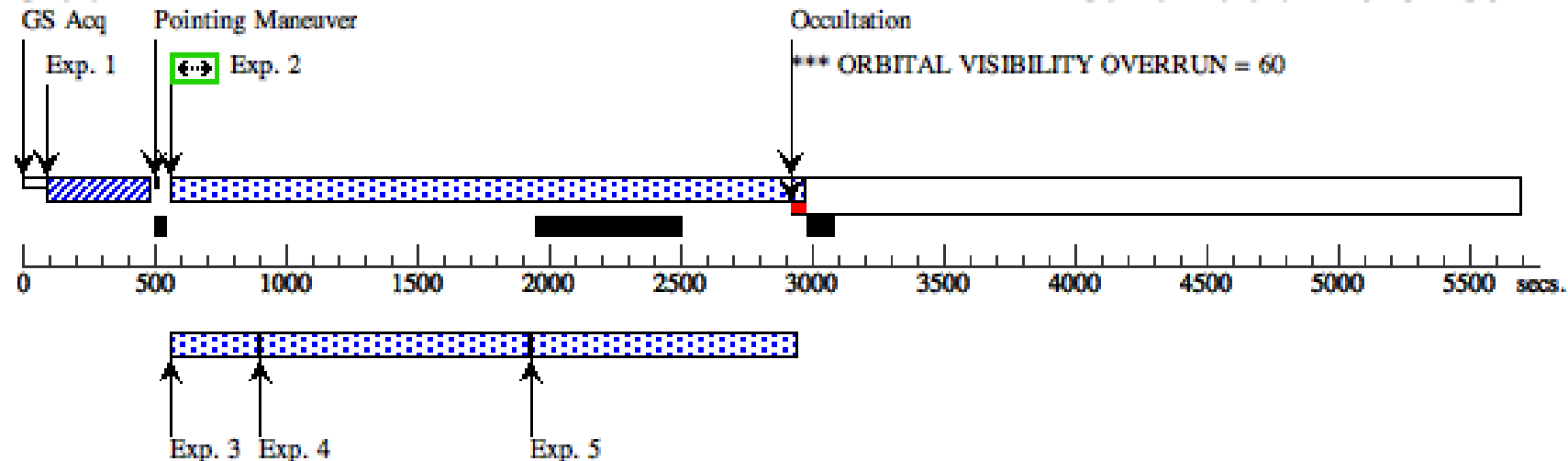
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9399)	(2) J011035.51-1648 27.7	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				49 Secs (49 Secs) [==>]	[1]
	2	C1291/FP3 (COS.sp.101 2109)	(2) J011035.51-1648 27.7	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=25 00		Prime + Parallel Gro up 2-5 in J0110-164 (68) - 4 orbits - G130 M - BaseOrient (B1)	2246 Secs (2246 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J0110-164 (68) - 4 orbits - G130 M - BaseOrient (B1)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0110-164 (68) - 4 orbits - G130 M - BaseOrient (B1)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0110-164 (68) - 4 orbits - G130 M - BaseOrient (B1)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1291/FP4 (COS.sp.101 2109)	(2) J011035.51-1648 27.7	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=25 00		Prime + Parallel Gro up 6-10 in J0110-164 (68) - 4 orbits - G130 M - BaseOrient (B1)	2698 Secs (2698 Secs) [==>]	[2]
	7	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0110-164 (68) - 4 orbits - G130 M - BaseOrient (B1)	302.938471 Secs (302.938 Secs) [==>]	[2]
	8	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0110-164 (68) - 4 orbits - G130 M - BaseOrient (B1)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	9	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0110-164 (68) - 4 orbits - G130 M - BaseOrient (B1)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	10	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0110-164 (68) - 4 orbits - G130 M - BaseOrient (B1)	302.938471 Secs (302.938 Secs) [==>]	[2]
	11	C1222/FP1 (COS.sp.101 3001)	(2) J011035.51-1648 27.7	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=1; BUFFER-TIME=11 00		Prime + Parallel Gro up 11-13 in J0110-16 4(68) - 4 orbits - G13 0M - BaseOrient (B1)	1200 Secs (1200 Secs) [==>]	[3]
	12	F110-12-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=12; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 11-13 in J0110-16 4(68) - 4 orbits - G13 0M - BaseOrient (B1)	277.937956 Secs (277.938 Secs) [==>]	[3]
	13	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-13 in J0110-16 4(68) - 4 orbits - G13 0M - BaseOrient (B1)	1002.935521 Secs (1002.936 Secs) [==>]	[3]

Proposal 15163 - J0110-164(68) - 4 orbits - G130M - BaseOrient (B1) - COS Ultraviolet Baryon Survey (CUBS)

14	C1222/FP2 (2) J011035.51-1648 (COS.sp.101 27.7 3001)	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=2; BUFFER-TIME=20 00	Prime + Parallel Group 14-16 in J0110-164(68) - 4 orbits - G130M - BaseOrient (B1)	1296 Secs (1296 Secs) [==>]	[3]
15	F160-15-S2 ANY 5	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=15; SAMP-SEQ=SPAR S25	Prime + Parallel Group 14-16 in J0110-164(68) - 4 orbits - G130M - BaseOrient (B1)	352.939501 Secs (352.94 Secs) [==>]	[3]
16	G141-10-S1 ANY 00	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100	Prime + Parallel Group 14-16 in J0110-164(68) - 4 orbits - G130M - BaseOrient (B1)	902.935198 Secs (902.935 Secs) [==>]	[3]
17	C1222/FP3 (2) J011035.51-1648 (COS.sp.101 27.7 3001)	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=3; BUFFER-TIME=13 00	Prime + Parallel Group 17-21 in J0110-164(68) - 4 orbits - G130M - BaseOrient (B1)	2698 Secs (2698 Secs) [==>]	[4]
18	F160-15-S2 ANY 5	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=15; SAMP-SEQ=SPAR S25	Prime + Parallel Group 17-21 in J0110-164(68) - 4 orbits - G130M - BaseOrient (B1)	352.939501 Secs (352.94 Secs) [==>]	[4]
19	G141-10-S1 ANY 00	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100	Prime + Parallel Group 17-21 in J0110-164(68) - 4 orbits - G130M - BaseOrient (B1)	902.935198 Secs (902.935 Secs) [==>]	[4]
20	G141-11-S1 ANY 00	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Group 17-21 in J0110-164(68) - 4 orbits - G130M - BaseOrient (B1)	1002.935521 Secs (1002.936 Secs) [==>]	[4]
21	F160-15-S2 ANY 5	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=15; SAMP-SEQ=SPAR S25	Prime + Parallel Group 17-21 in J0110-164(68) - 4 orbits - G130M - BaseOrient (B1)	352.939501 Secs (352.94 Secs) [==>]	[4]

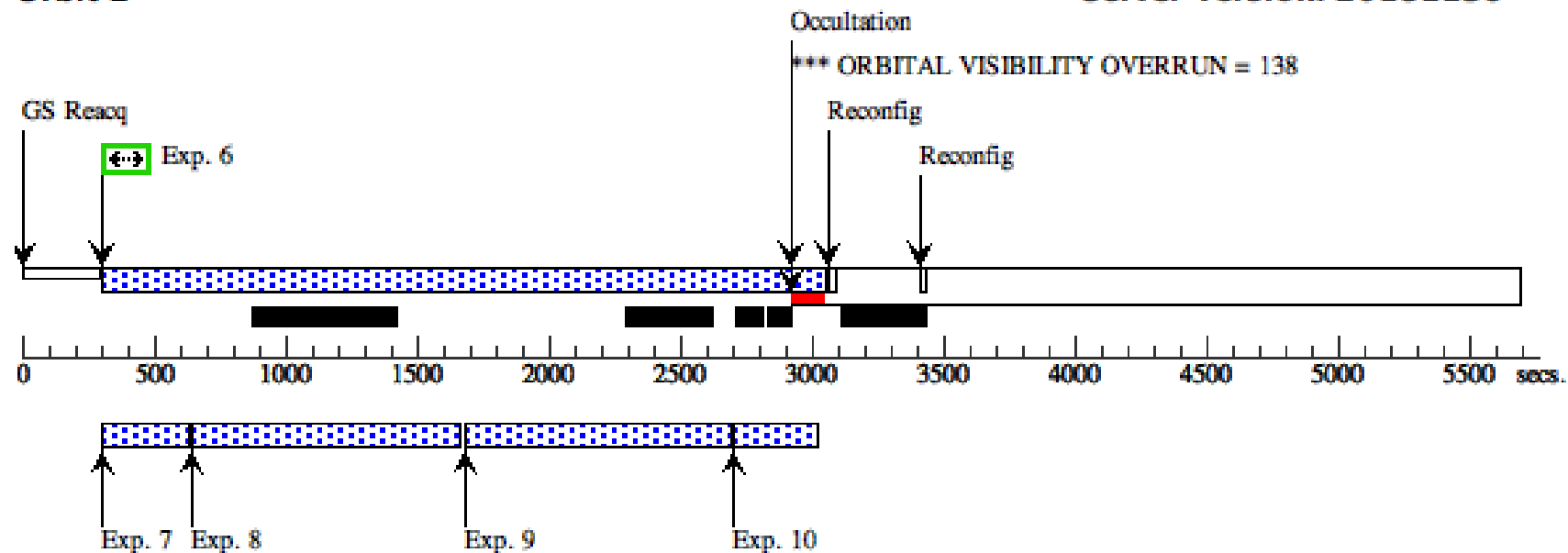
Orbit 1

Server Version: 20181130



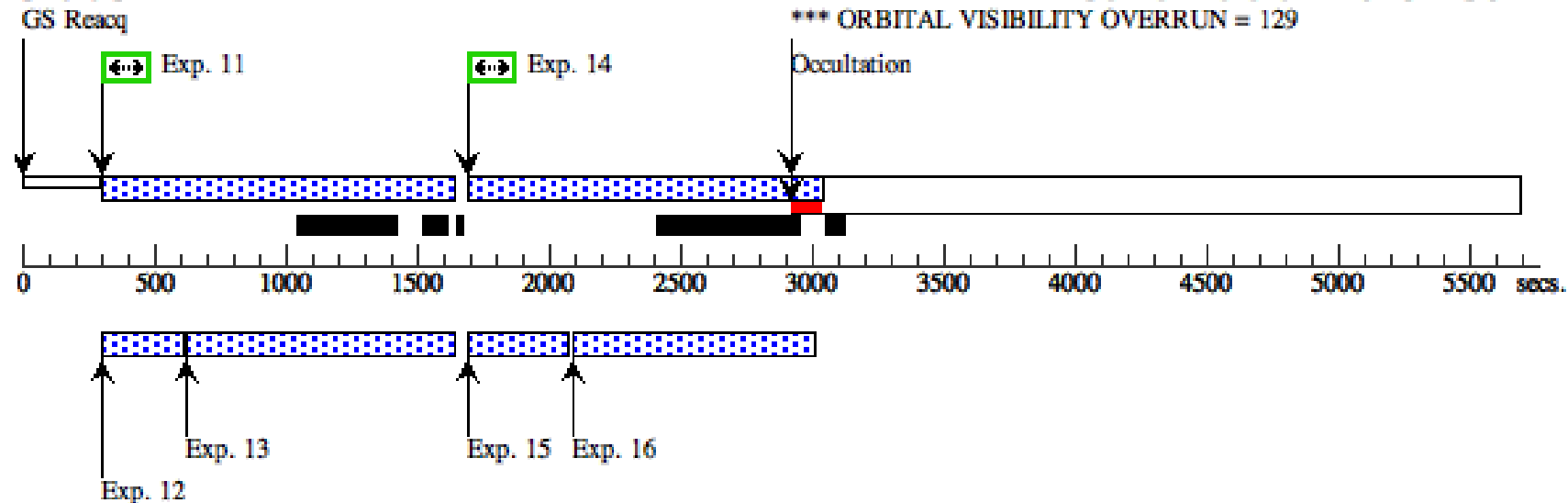
Orbit 2

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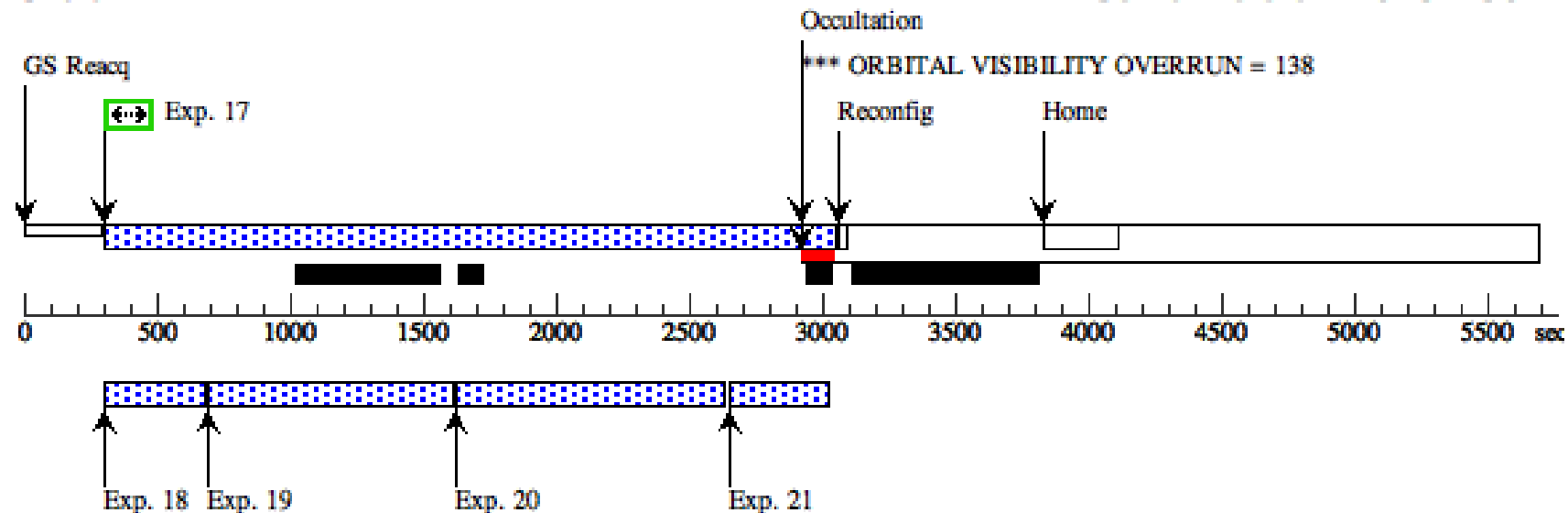
Orbit 3

Server Version: 20181130



Orbit 4

Server Version: 20181130



Proposal 15163 - J0110-164(68) - 3 orbits - G130M (B2) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J0110-164(68) - 3 orbits - G130M (B2), completed					Tue Feb 26 23:04:20 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%; ORIENT 203D TO 175 D					
Comments: See comment in B1						
Diagnostics	(J0110-164(68) - 3 orbits - G130M (B2)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.					
	(J0110-164(68) - 3 orbits - G130M (B2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0110-164(68) - 3 orbits - G130M (B2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0110-164(68) - 3 orbits - G130M (B2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	J011035.51-164827.7	RA: 01 10 35.5100 (17.6479583d) Dec: -16 48 27.70 (-16.80769d) Equinox: J2000	Redshift: 0.777	V=16.0 fuv=17.31 nuv=16.72	Reference Frame: ICRS
	Comments: Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO					

Proposal 15163 - J0110-164(68) - 3 orbits - G130M (B2) - COS Ultraviolet Baryon Survey (CUBS)

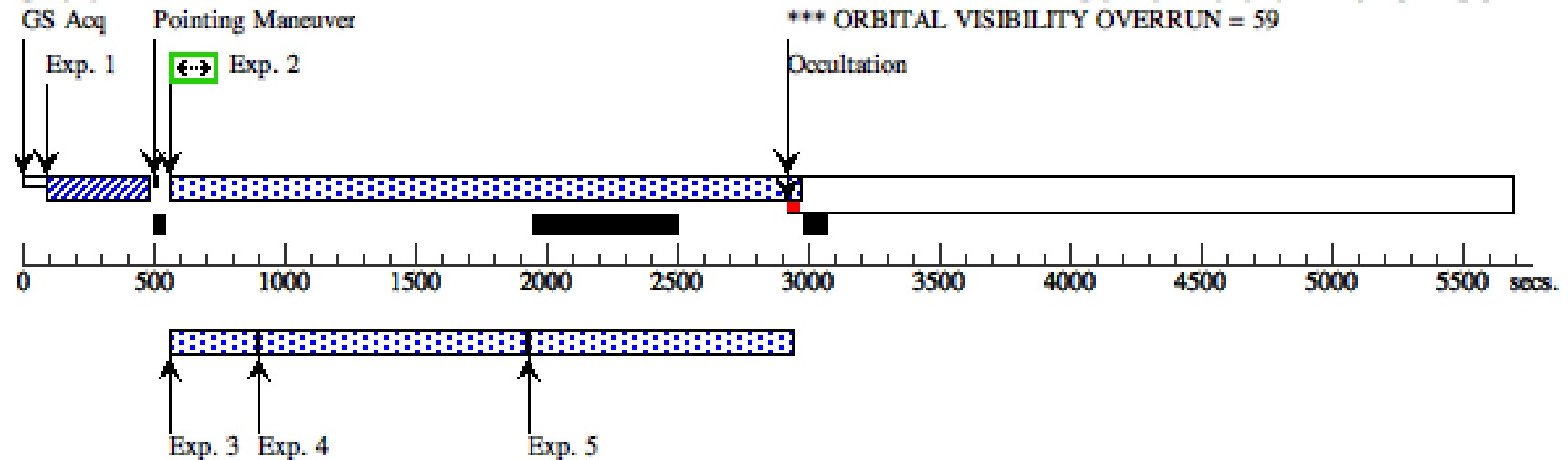
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9399)	(2) J011035.51-1648 27.7	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				49 Secs (49 Secs) [==>]	[1]
	2	C1589/F4 (COS.sp.101 2114)	(2) J011035.51-1648 27.7	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=4; BUFFER-TIME=25 00		Prime + Parallel Gro up 2-5 in J0110-164 (68) - 3 orbits - G130 M (B2)	2202 Secs (2202 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J0110-164 (68) - 3 orbits - G130 M (B2)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0110-164 (68) - 3 orbits - G130 M (B2)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0110-164 (68) - 3 orbits - G130 M (B2)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1291/FP3 (COS.sp.101 2109)	(2) J011035.51-1648 27.7	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=24 00		Prime + Parallel Gro up 6-10 in J0110-164 (68) - 3 orbits - G130 M (B2)	2580 Secs (2580 Secs) [==>]	[2]
	7	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0110-164 (68) - 3 orbits - G130 M (B2)	302.938471 Secs (302.938 Secs) [==>]	[2]
	8	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0110-164 (68) - 3 orbits - G130 M (B2)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	9	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0110-164 (68) - 3 orbits - G130 M (B2)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	10	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0110-164 (68) - 3 orbits - G130 M (B2)	302.938471 Secs (302.938 Secs) [==>]	[2]
	11	C1222/FP4 (COS.sp.101 2109)	(2) J011035.51-1648 27.7	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=4; BUFFER-TIME=25 00		Prime + Parallel Gro up 11-17 in J0110-16 4(68) - 3 orbits - G13 0M (B2)	2601 Secs (2601 Secs) [==>]	[3]
	12	F160-9-S25 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=9; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 11-17 in J0110-16 4(68) - 3 orbits - G13 0M (B2)	202.936411 Secs (202.936 Secs) [==>]	[3]
	13	G141-14-S5 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=SPAR S50		Prime + Parallel Gro up 11-17 in J0110-16 4(68) - 3 orbits - G13 0M (B2)	652.938154 Secs (652.938 Secs) [==>]	[3]
	14	F160-9-S25 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=9; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 11-17 in J0110-16 4(68) - 3 orbits - G13 0M (B2)	202.936411 Secs (202.936 Secs) [==>]	[3]

Proposal 15163 - J0110-164(68) - 3 orbits - G130M (B2) - COS Ultraviolet Baryon Survey (CUBS)

	15	G141-14-S5 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=SPAR S50	Prime + Parallel Gro up 11-17 in J0110-16 4(68) - 3 orbits - G13 0M (B2)	652.938154 Secs (652.938 Secs) [==>]	[3]
	16	F160-9-S25	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=9; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 11-17 in J0110-16 4(68) - 3 orbits - G13 0M (B2)	202.936411 Secs (202.936 Secs) [==>]	[3]
	17	G141-14-S5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=SPAR S50	Prime + Parallel Gro up 11-17 in J0110-16 4(68) - 3 orbits - G13 0M (B2)	652.938154 Secs (652.938 Secs) [==>]	[3]

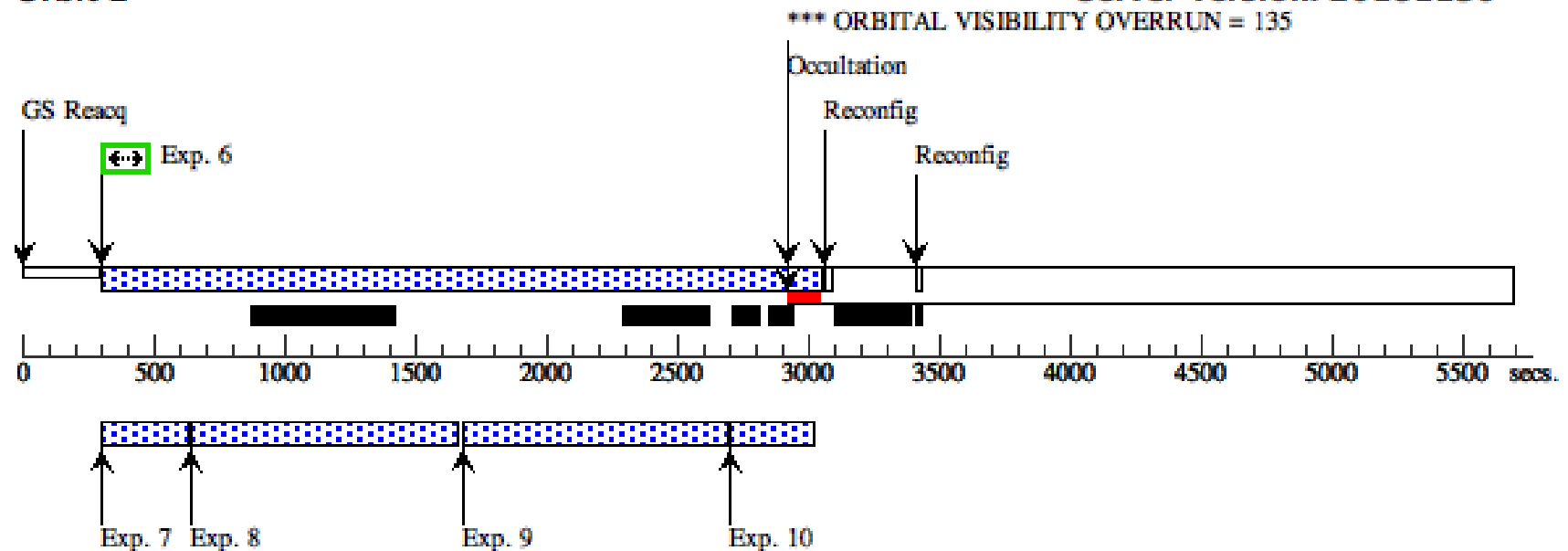
Orbit 1

Server Version: 20181130



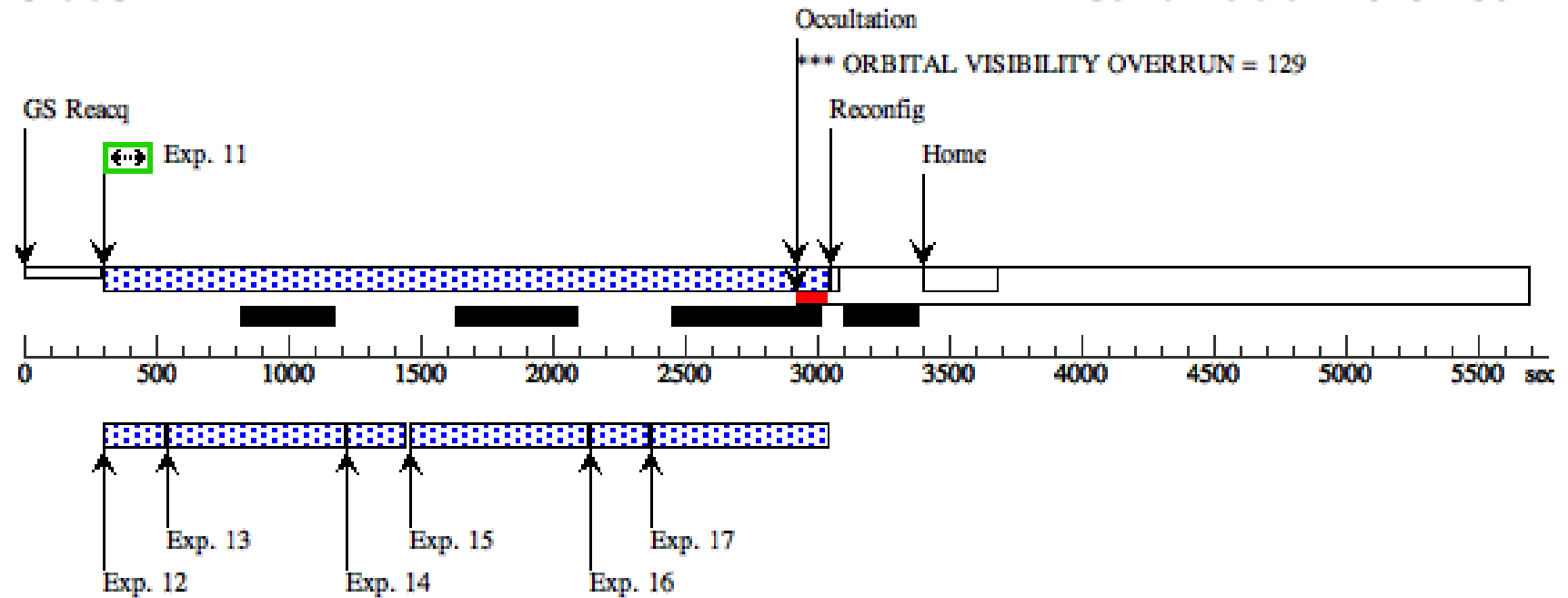
Orbit 2

Server Version: 20181130



Orbit 3

Server Version: 20181130



Proposal 15163 - J0110-164(68) - 4 orbits - G160M (B3) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J0110-164(68) - 4 orbits - G160M (B3), completed				Tue Feb 26 23:04:20 GMT 2019	
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%; ORIENT 203D TO 175 D					
Comments: see comment in B1						
Diagnostics	(J0110-164(68) - 4 orbits - G160M (B3)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.					
	(J0110-164(68) - 4 orbits - G160M (B3)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(J0110-164(68) - 4 orbits - G160M (B3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0110-164(68) - 4 orbits - G160M (B3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0110-164(68) - 4 orbits - G160M (B3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0110-164(68) - 4 orbits - G160M (B3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	J011035.51-164827.7	RA: 01 10 35.5100 (17.6479583d) Dec: -16 48 27.70 (-16.80769d) Equinox: J2000	Redshift: 0.777	V=16.0 fuv=17.31 nuv=16.72	Reference Frame: ICRS
	Comments: Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO					

Proposal 15163 - J0110-164(68) - 4 orbits - G160M (B3) - COS Ultraviolet Baryon Survey (CUBS)

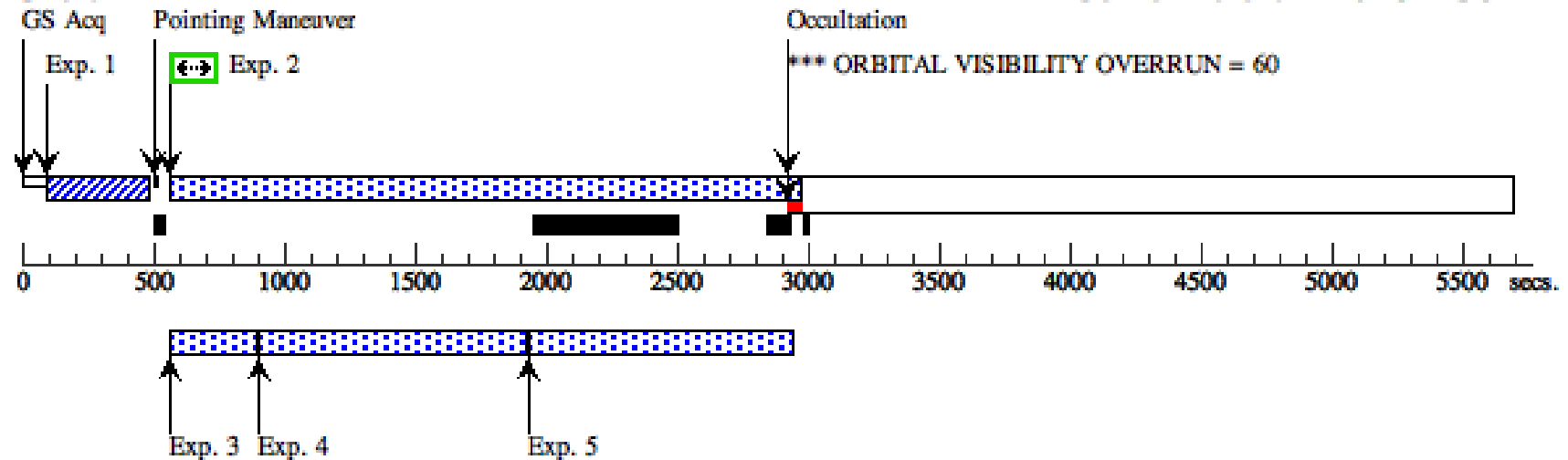
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9399)	(2) J011035.51-1648 27.7	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				49 Secs (49 Secs) [==>]	[1]
	2	C1589/FP2 (COS.sp.101 2114)	(2) J011035.51-1648 27.7	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=2; BUFFER-TIME=20 90		Prime + Parallel Gro up 2-5 in J0110-164 (68) - 4 orbits - G160 M (B3)	2203 Secs (2203 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J0110-164 (68) - 4 orbits - G160 M (B3)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0110-164 (68) - 4 orbits - G160 M (B3)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0110-164 (68) - 4 orbits - G160 M (B3)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1611/FP4 (COS.sp.101 2117)	(2) J011035.51-1648 27.7	COS/FUV, TIME-TAG, PSA	G160M 1611 A	FP-POS=4; BUFFER-TIME=25 00		Prime + Parallel Gro up 6-10 in J0110-164 (68) - 4 orbits - G160 M (B3)	2622 Secs (2622 Secs) [==>]	[2]
	7	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0110-164 (68) - 4 orbits - G160 M (B3)	302.938471 Secs (302.938 Secs) [==>]	[2]
	8	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0110-164 (68) - 4 orbits - G160 M (B3)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	9	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0110-164 (68) - 4 orbits - G160 M (B3)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	10	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0110-164 (68) - 4 orbits - G160 M (B3)	302.938471 Secs (302.938 Secs) [==>]	[2]
	11	C1611/FP2 (COS.sp.101 2117)	(2) J011035.51-1648 27.7	COS/FUV, TIME-TAG, PSA	G160M 1611 A	FP-POS=2; BUFFER-TIME=25 00		Prime + Parallel Gro up 11-15 in J0110-16 4(68) - 4 orbits - G16 0M (B3)	2633 Secs (2633 Secs) [==>]	[3]
	12	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 11-15 in J0110-16 4(68) - 4 orbits - G16 0M (B3)	302.938471 Secs (302.938 Secs) [==>]	[3]
	13	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-15 in J0110-16 4(68) - 4 orbits - G16 0M (B3)	1002.935521 Secs (1002.936 Secs) [==>]	[3]
	14	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-15 in J0110-16 4(68) - 4 orbits - G16 0M (B3)	1002.935521 Secs (1002.936 Secs) [==>]	[3]

Proposal 15163 - J0110-164(68) - 4 orbits - G160M (B3) - COS Ultraviolet Baryon Survey (CUBS)

	15	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 11-15 in J0110-16 4(68) - 4 orbits - G16 0M (B3)	302.938471 Secs (302.938 Secs) [==>]	[3]
	16	C1623/FP4 (COS.sp.101 27.7 2117)	(2) J011035.51-1648	COS/FUV, TIME-TAG, PSA	G160M 1623 A	FP-POS=4; BUFFER-TIME=25 00	Prime + Parallel Gro up 16-20 in J0110-16 4(68) - 4 orbits - G16 0M (B3)	2627 Secs (2627 Secs) [==>]	[4]
	17	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 16-20 in J0110-16 4(68) - 4 orbits - G16 0M (B3)	302.938471 Secs (302.938 Secs) [==>]	[4]
	18	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 16-20 in J0110-16 4(68) - 4 orbits - G16 0M (B3)	1002.935521 Secs (1002.936 Secs) [==>]	[4]
	19	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 16-20 in J0110-16 4(68) - 4 orbits - G16 0M (B3)	1002.935521 Secs (1002.936 Secs) [==>]	[4]
	20	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 16-20 in J0110-16 4(68) - 4 orbits - G16 0M (B3)	302.938471 Secs (302.938 Secs) [==>]	[4]

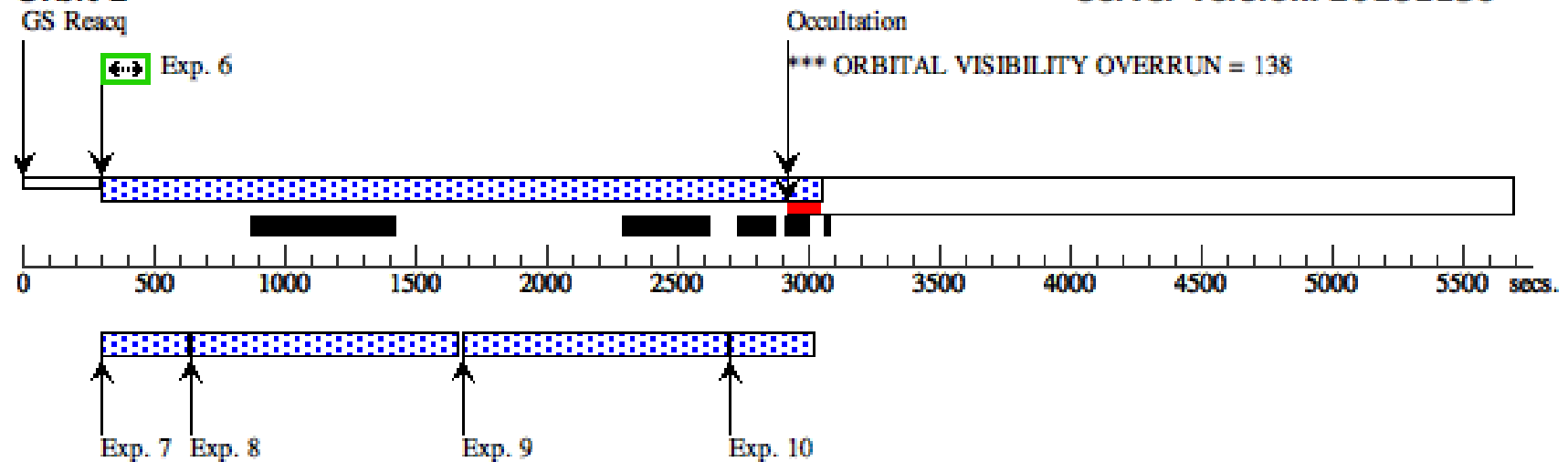
Orbit 1

Server Version: 20181130



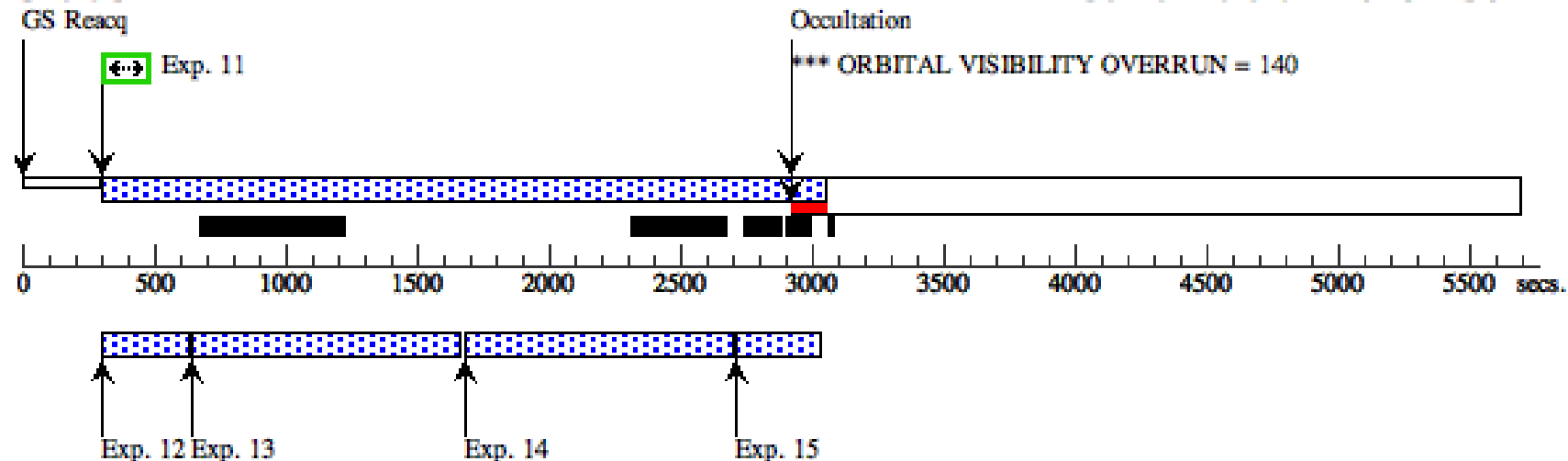
Orbit 2

Server Version: 20181130



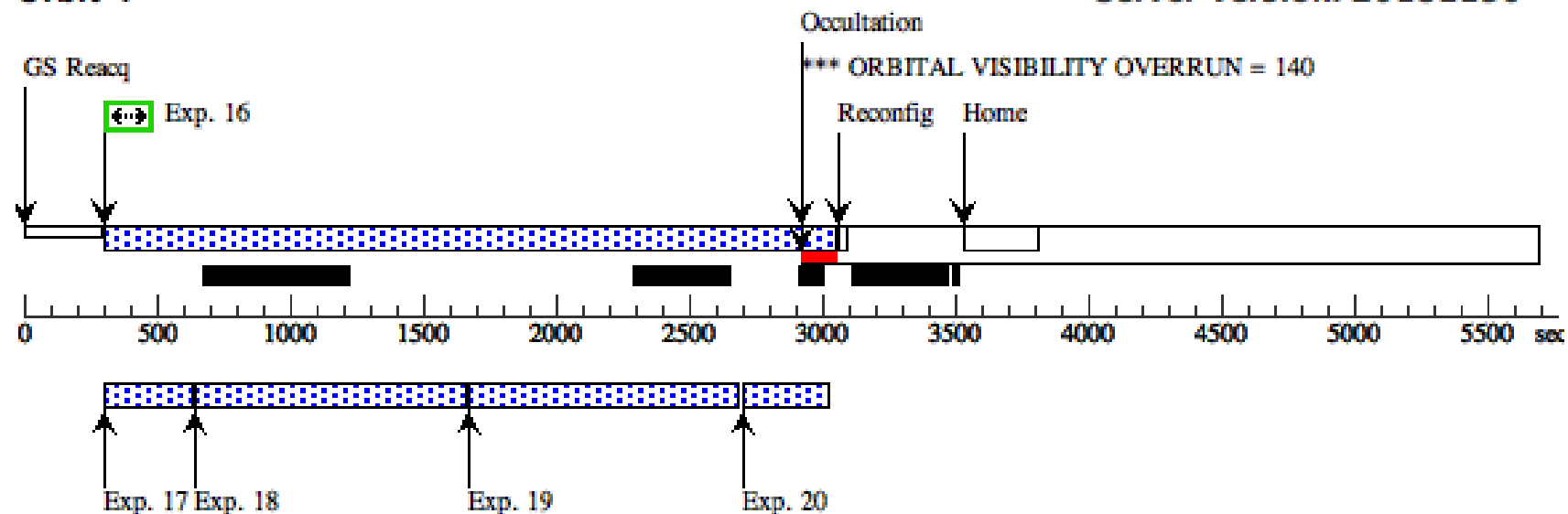
Orbit 3

Server Version: 20181130



Orbit 4

Server Version: 20181130



Proposal 15163 - J0110-164(68) - 3 orbits - G160M (B4) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J0110-164(68) - 3 orbits - G160M (B4), completed					Tue Feb 26 23:04:20 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%; ORIENT 203D TO 175 D					
Comments: See comment in B1						
Diagnostics	(J0110-164(68) - 3 orbits - G160M (B4)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.					
	(J0110-164(68) - 3 orbits - G160M (B4)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0110-164(68) - 3 orbits - G160M (B4)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0110-164(68) - 3 orbits - G160M (B4)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	J011035.51-164827.7	RA: 01 10 35.5100 (17.6479583d) Dec: -16 48 27.70 (-16.80769d) Equinox: J2000	Redshift: 0.777	V=16.0 fuv=17.31 nuv=16.72	Reference Frame: ICRS
	Comments: Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO					

Proposal 15163 - J0110-164(68) - 3 orbits - G160M (B4) - COS Ultraviolet Baryon Survey (CUBS)

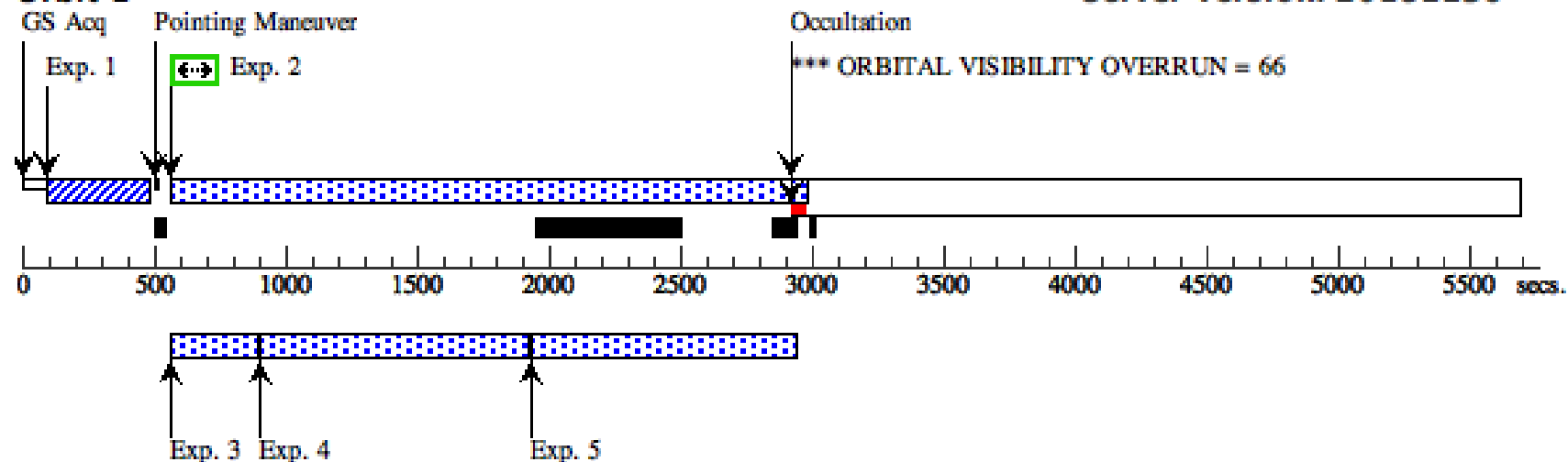
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9399)	(2) J011035.51-1648 27.7	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				49 Secs (49 Secs) [==>]	[1]
	2	C1623/FP2 (COS.sp.101 2117)	(2) J011035.51-1648 27.7	COS/FUV, TIME-TAG, PSA	G160M 1623 A	FP-POS=2; BUFFER-TIME=20 90		Prime + Parallel Gro up 2-5 in J0110-164 (68) - 3 orbits - G160 M (B4)	2199 Secs (2199 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J0110-164 (68) - 3 orbits - G160 M (B4)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0110-164 (68) - 3 orbits - G160 M (B4)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0110-164 (68) - 3 orbits - G160 M (B4)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1577/FP2 (COS.sp.101 2114)	(2) J011035.51-1648 27.7	COS/FUV, TIME-TAG, PSA	G160M 1577 A	FP-POS=2; BUFFER-TIME=25 00		Prime + Parallel Gro up 6-10 in J0110-164 (68) - 3 orbits - G160 M (B4)	2617 Secs (2617 Secs) [==>]	[2]
	7	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0110-164 (68) - 3 orbits - G160 M (B4)	302.938471 Secs (302.938 Secs) [==>]	[2]
	8	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0110-164 (68) - 3 orbits - G160 M (B4)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	9	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0110-164 (68) - 3 orbits - G160 M (B4)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	10	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0110-164 (68) - 3 orbits - G160 M (B4)	302.938471 Secs (302.938 Secs) [==>]	[2]
	11	C1577/FP4 (COS.sp.101 2114)	(2) J011035.51-1648 27.7	COS/FUV, TIME-TAG, PSA	G160M 1577 A	FP-POS=4; BUFFER-TIME=25 00		Prime + Parallel Gro up 11-15 in J0110-16 4(68) - 3 orbits - G16 0M (B4)	2698 Secs (2698 Secs) [==>]	[3]
	12	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 11-15 in J0110-16 4(68) - 3 orbits - G16 0M (B4)	302.938471 Secs (302.938 Secs) [==>]	[3]
	13	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-15 in J0110-16 4(68) - 3 orbits - G16 0M (B4)	1002.935521 Secs (1002.936 Secs) [==>]	[3]
	14	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-15 in J0110-16 4(68) - 3 orbits - G16 0M (B4)	1002.935521 Secs (1002.936 Secs) [==>]	[3]

Proposal 15163 - J0110-164(68) - 3 orbits - G160M (B4) - COS Ultraviolet Baryon Survey (CUBS)

	15	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=11; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 11-15 in J0110-16 4(68) - 3 orbits - G16 0M (B4)	252.937441 Secs (252.937 Secs)	
								[==>]	[3]

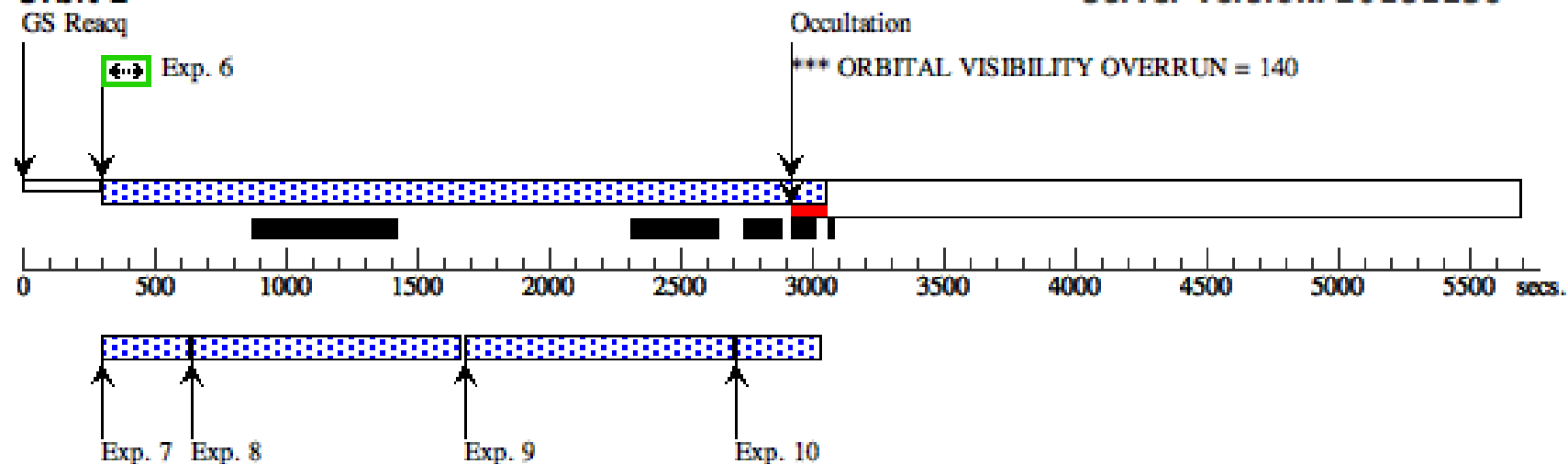
Orbit 1

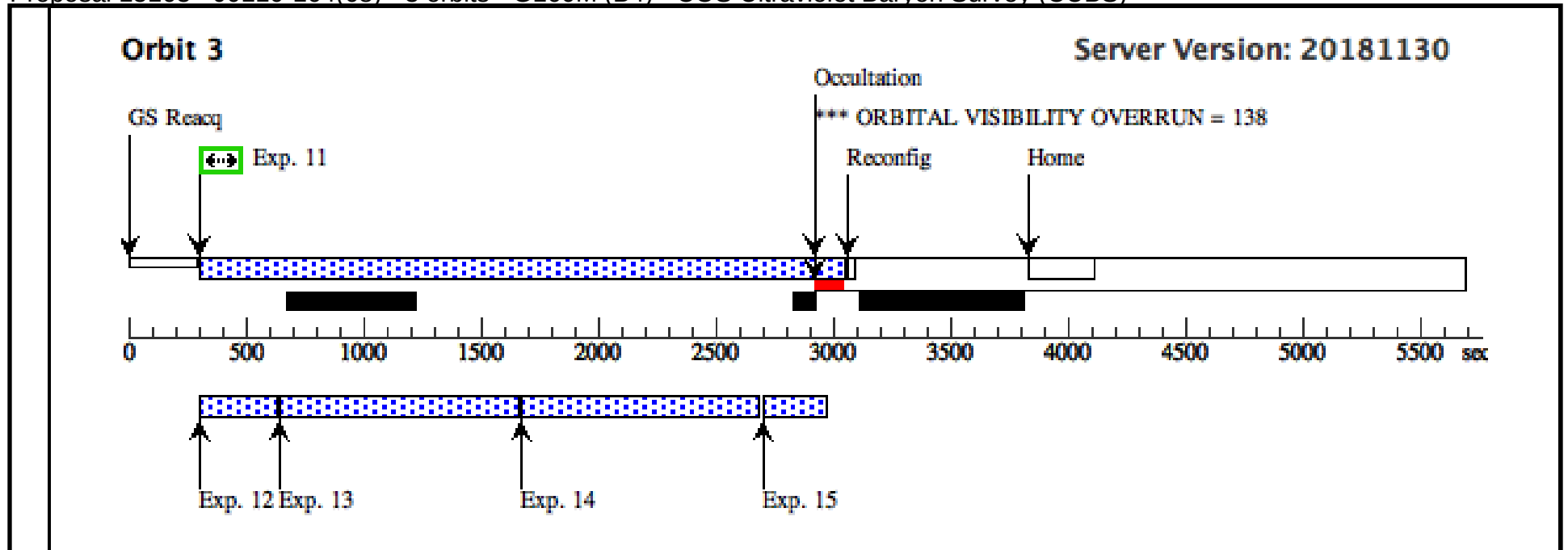
Server Version: 20181130



Orbit 2

Server Version: 20181130





Proposal 15163 - J0028-330(57) - 4 orbits - G130M - BaseOrient (A1) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J0028-330(57) - 4 orbits - G130M - BaseOrient (A1), failed					Tue Feb 26 23:04:20 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%; ORIENT 320.3D TO 298.5 D					
	Comments: This target has 12 orbits. This visit contains 5 G130M orbits+ 7 G160M 2 orbits C1223 + 3 orbits C1291 2 orbits C1577 + 1.5 orbits C1589 + 1.5 orbits C1611 + 2 orbits C1623 L1 : 4G130M TAC1291F3 + C1291F4 + C1223F12 + C1223F34 L2 : 3G160M+1G130M TAC1589F2 + C1589F4/C1611F4+ C1623F2 + C1291F34 L3 : 4G160M TAC1611F2 + C1623F4 + C1577F2 + G1577F4					
Diagnostics	(J0028-330(57) - 4 orbits - G130M - BaseOrient (A1)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.					
	(J0028-330(57) - 4 orbits - G130M - BaseOrient (A1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0028-330(57) - 4 orbits - G130M - BaseOrient (A1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0028-330(57) - 4 orbits - G130M - BaseOrient (A1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0028-330(57) - 4 orbits - G130M - BaseOrient (A1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	J002830.40-330549.0	RA: 00 28 30.4050 (7.1266875d) Dec: -33 05 49.25 (-33.09701d) Equinox: J2000	Redshift: 0.887	V=16.4 fuv=17.33 nuv=16.52	Reference Frame: ICRS
	Comments: This target has been allocated 10 orbits (3 G130M and 7 G160M). We are splitting this up at three visits with 3+3+4 orbits. VIA is G130M only, V1B ad V1C are G160M Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO					

Proposal 15163 - J0028-330(57) - 4 orbits - G130M - BaseOrient (A1) - COS Ultraviolet Baryon Survey (CUBS)

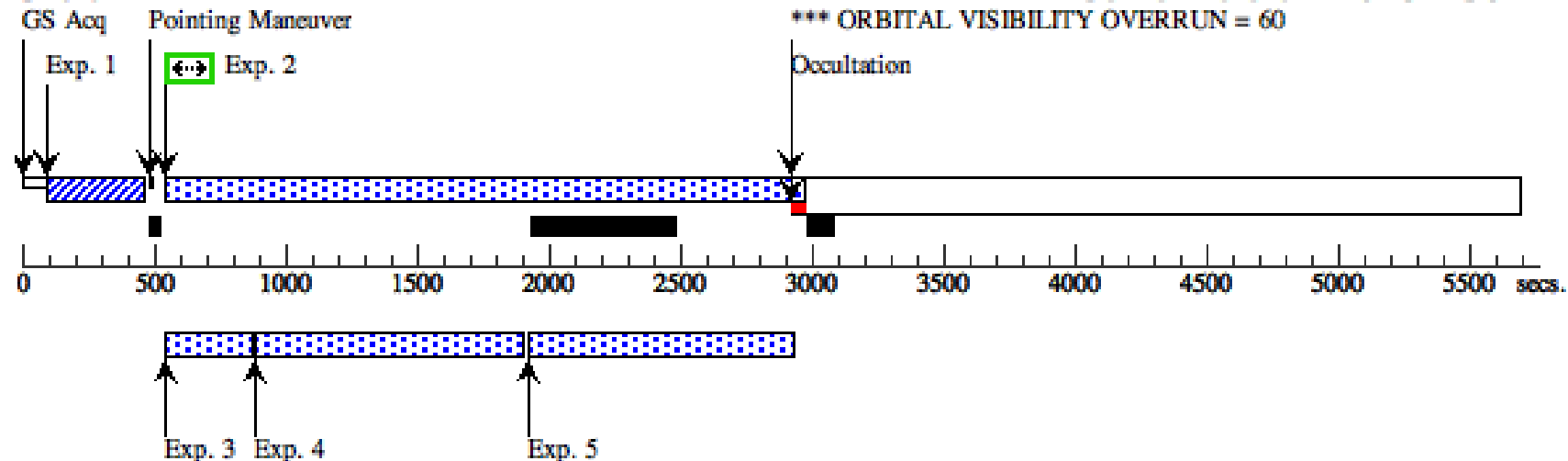
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9395)	(1) J002830.40-3305 49.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				40 Secs (40 Secs) [==>]	[1]
	2	C1291/FP3 (COS.sp.101 2109)	(1) J002830.40-3305 49.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=25 00		Prime + Parallel Gro up 2-5 in J0028-330(57) - 4 orbits - G130 M - BaseOrient (A1)	2262 Secs (2262 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J0028-330(57) - 4 orbits - G130 M - BaseOrient (A1)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0028-330(57) - 4 orbits - G130 M - BaseOrient (A1)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0028-330(57) - 4 orbits - G130 M - BaseOrient (A1)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1291/FP4 (COS.sp.101 2109)	(1) J002830.40-3305 49.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=20 00		Prime + Parallel Gro up 6-10 in J0028-330(57) - 4 orbits - G130 M - BaseOrient (A1)	2696 Secs (2696 Secs) [==>]	[2]
	7	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0028-330(57) - 4 orbits - G130 M - BaseOrient (A1)	302.938471 Secs (302.938 Secs) [==>]	[2]
	8	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0028-330(57) - 4 orbits - G130 M - BaseOrient (A1)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	9	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0028-330(57) - 4 orbits - G130 M - BaseOrient (A1)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	10	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0028-330(57) - 4 orbits - G130 M - BaseOrient (A1)	302.938471 Secs (302.938 Secs) [==>]	[2]
	11	C1222/FP1 (COS.sp.101 3001)	(1) J002830.40-3305 49.0	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=1; BUFFER-TIME=11 50		Prime + Parallel Gro up 11-13 in J0028-33 0(57) - 4 orbits - G13 0M - BaseOrient (A1)	1250 Secs (1250 Secs) [==>]	[3]
	12	F110-10-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=10; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 11-13 in J0028-33 0(57) - 4 orbits - G13 0M - BaseOrient (A1)	227.936926 Secs (227.937 Secs) [==>]	[3]
	13	G102-12-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=12; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-13 in J0028-33 0(57) - 4 orbits - G13 0M - BaseOrient (A1)	1102.935844 Secs (1102.936 Secs) [==>]	[3]

Proposal 15163 - J0028-330(57) - 4 orbits - G130M - BaseOrient (A1) - COS Ultraviolet Baryon Survey (CUBS)

14	C1222/FP2 (COS.sp.101 49.0 3001)	(1) J002830.40-3305	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=2; BUFFER-TIME=20 00	Prime + Parallel Gro up 14-16 in J0028-33 0(57) - 4 orbits - G13 0M - BaseOrient (A1)	1244 Secs (1244 Secs) [==>]	[3]
15	F160-14-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 14-16 in J0028-33 0(57) - 4 orbits - G13 0M - BaseOrient (A1)	327.938986 Secs (327.939 Secs) [==>]	[3]
16	G141-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 14-16 in J0028-33 0(57) - 4 orbits - G13 0M - BaseOrient (A1)	902.935198 Secs (902.935 Secs) [==>]	[3]
17	C1222/FP3 (COS.sp.101 49.0 3001)	(1) J002830.40-3305	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=3; BUFFER-TIME=12 00	Prime + Parallel Gro up 17-19 in J0028-33 0(57) - 4 orbits - G13 0M - BaseOrient (A1)	1300 Secs (1300 Secs) [==>]	[4]
18	F160-15-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=15; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 17-19 in J0028-33 0(57) - 4 orbits - G13 0M - BaseOrient (A1)	352.939501 Secs (352.94 Secs) [==>]	[4]
19	G141-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 17-19 in J0028-33 0(57) - 4 orbits - G13 0M - BaseOrient (A1)	902.935198 Secs (902.935 Secs) [==>]	[4]
20	C1222/FP4 (COS.sp.101 49.0 3001)	(1) J002830.40-3305	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=4; BUFFER-TIME=20 00	Prime + Parallel Gro up 20-22 in J0028-33 0(57) - 4 orbits - G13 0M - BaseOrient (A1)	1291 Secs (1291 Secs) [==>]	[4]
21	G141-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 20-22 in J0028-33 0(57) - 4 orbits - G13 0M - BaseOrient (A1)	902.935198 Secs (902.935 Secs) [==>]	[4]
22	F160-15-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=15; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 20-22 in J0028-33 0(57) - 4 orbits - G13 0M - BaseOrient (A1)	352.939501 Secs (352.94 Secs) [==>]	[4]

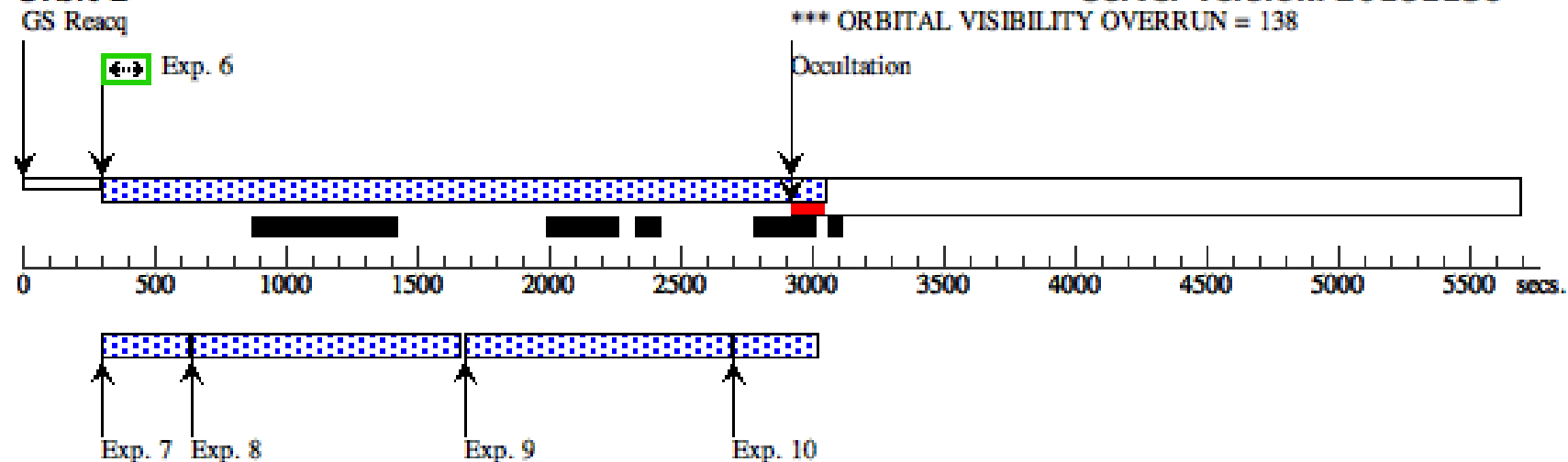
Orbit 1

Server Version: 20181130



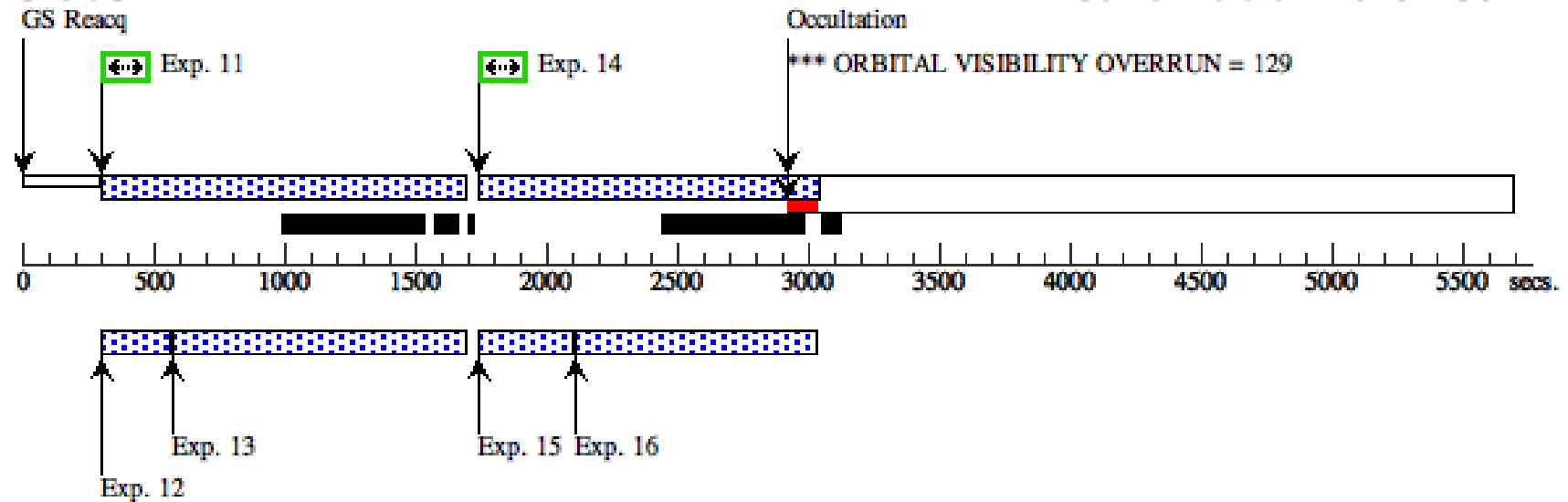
Orbit 2

Server Version: 20181130



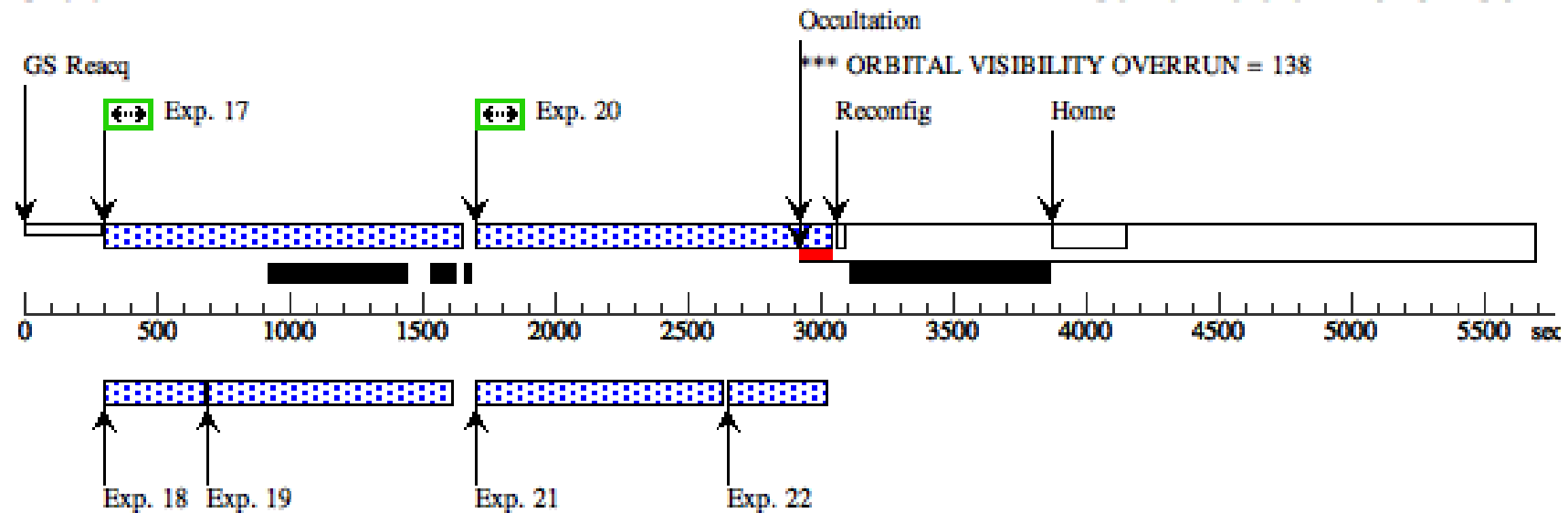
Orbit 3

Server Version: 20181130



Orbit 4

Server Version: 20181130



Proposal 15163 - J0028-330(57) - 2 orbits - G130M - BaseOrient (A4) - COS Ultraviolet Baryon Survey (CUBS)

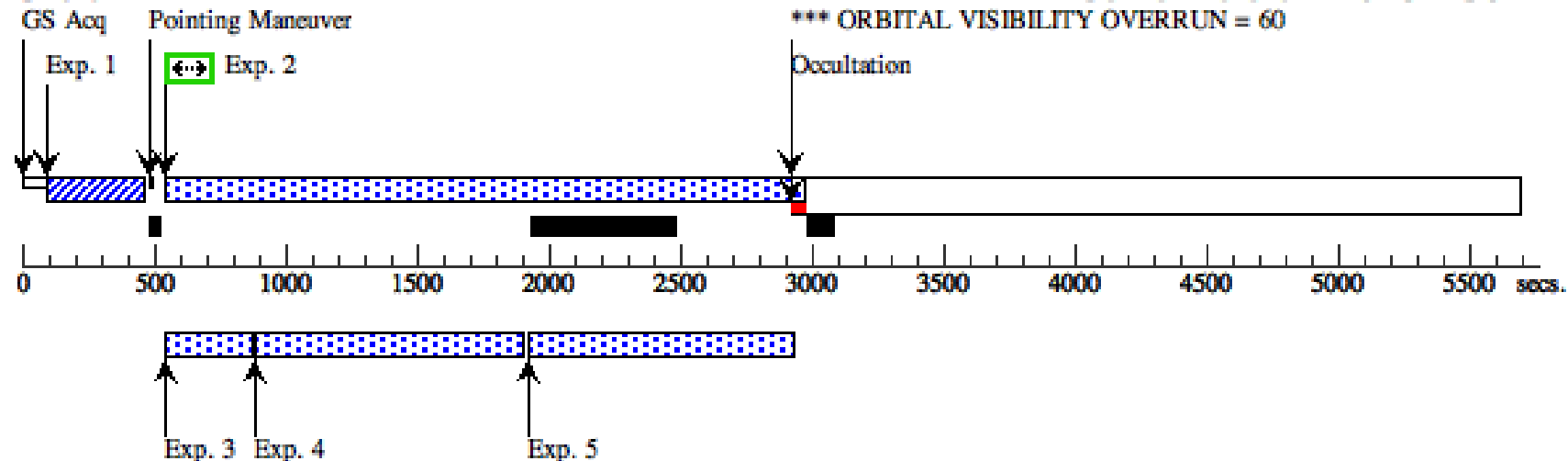
Visit	Proposal 15163, J0028-330(57) - 2 orbits - G130M - BaseOrient (A4), completed Tue Feb 26 23:04:20 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV Special Requirements: SCHED 100%; ORIENT 320.3D TO 298.5 D <i>Comments: 2-orbit repeat of A1</i> <i>L1 : 4G130M TAC1291F3 + C1291F4 + C1223F12 + C1223F34</i> <i>L2 : 3G160M+1G130M TAC1589F2 + C1589F4/C1611F4+ C1623F2 + C1291F34</i> <i>L3 : 4G160M TAC1611F2 + C1623F4 + C1577F2 + G1577F4</i>				
Diagnostics	(J0028-330(57) - 2 orbits - G130M - BaseOrient (A4)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (J0028-330(57) - 2 orbits - G130M - BaseOrient (A4)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS (J0028-330(57) - 2 orbits - G130M - BaseOrient (A4)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J0028-330(57) - 2 orbits - G130M - BaseOrient (A4)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(1)	J002830.40-330549.0	RA: 00 28 30.4050 (7.1266875d) Dec: -33 05 49.25 (-33.09701d) Equinox: J2000	Redshift: 0.887	V=16.4 fuv=17.33 nuv=16.52
Fixed Targets	<i>Comments: This target has been allocated 10 orbits (3 G130M and 7 G160M). We are splitting this up at three visits with 3+3+4 orbits. V1A is G130M only, V1B ad V1C are G160M</i> Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO				
Fixed Targets					

Proposal 15163 - J0028-330(57) - 2 orbits - G130M - BaseOrient (A4) - COS Ultraviolet Baryon Survey (CUBS)

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9395)	(1) J002830.40-3305 49.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				40 Secs (40 Secs) [==>]	[1]
	2	C1291/FP4 (COS.sp.101 2109)	(1) J002830.40-3305 49.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=25 00		Prime + Parallel Gro up 2-5 in J0028-330(57) - 2 orbits - G130 M - BaseOrient (A4)	2262 Secs (2262 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J0028-330(57) - 2 orbits - G130 M - BaseOrient (A4)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0028-330(57) - 2 orbits - G130 M - BaseOrient (A4)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0028-330(57) - 2 orbits - G130 M - BaseOrient (A4)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1291/FP4 (COS.sp.101 2109)	(1) J002830.40-3305 49.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00		Prime + Parallel Gro up 6-8 in J0028-330(57) - 2 orbits - G130 M - BaseOrient (A4)	1250 Secs (1250 Secs) [==>]	[2]
	7	F110-10-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=10; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-8 in J0028-330(57) - 2 orbits - G130 M - BaseOrient (A4)	227.936926 Secs (227.937 Secs) [==>]	[2]
	8	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-8 in J0028-330(57) - 2 orbits - G130 M - BaseOrient (A4)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	9	C1291/FP3 (COS.sp.101 2109)	(1) J002830.40-3305 49.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=30 00		Prime + Parallel Gro up 9-11 in J0028-330 (57) - 2 orbits - G130 M - BaseOrient (A4)	1230 Secs (1230 Secs) [==>]	[2]
	10	F160-14-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=14; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 9-11 in J0028-330 (57) - 2 orbits - G130 M - BaseOrient (A4)	327.938986 Secs (327.939 Secs) [==>]	[2]
	11	G141-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 9-11 in J0028-330 (57) - 2 orbits - G130 M - BaseOrient (A4)	902.935198 Secs (902.935 Secs) [==>]	[2]

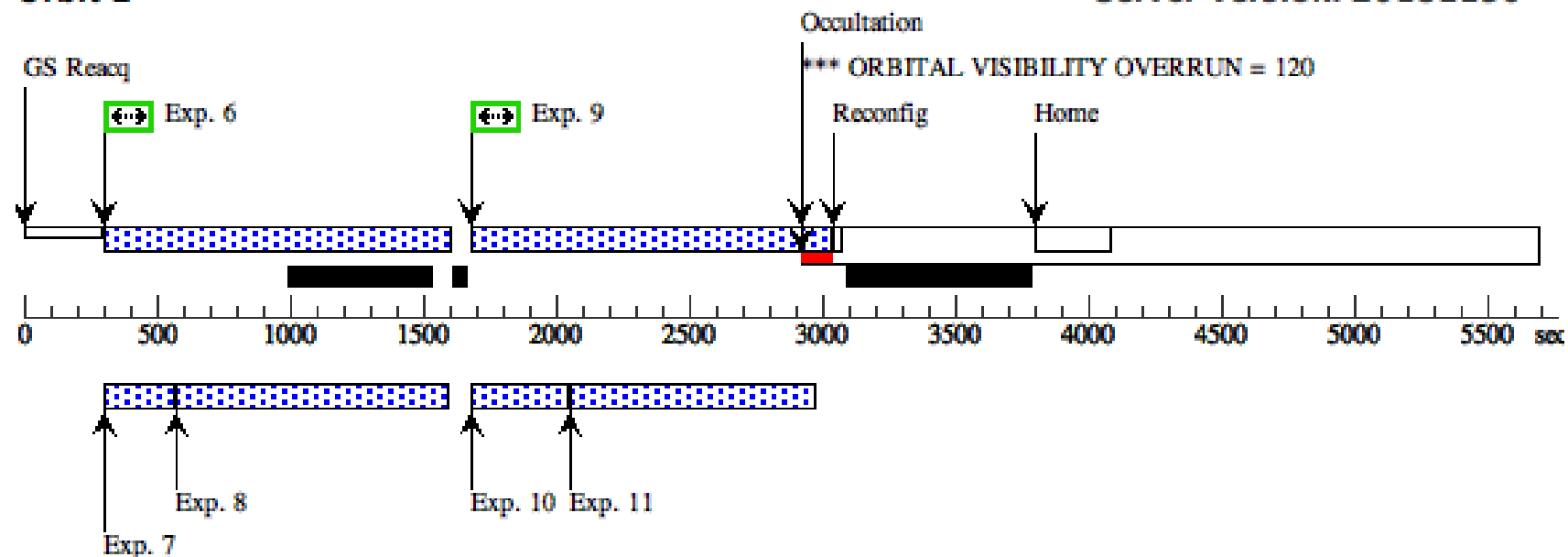
Orbit 1

Server Version: 20181130



Orbit 2

Server Version: 20181130



Proposal 15163 - J0028-330(57) - 4 orbits - 3G160M+G130M (A2) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J0028-330(57) - 4 orbits - 3G160M+G130M (A2), completed Tue Feb 26 23:04:21 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV Special Requirements: SCHED 100%; ORIENT 320.3D TO 298.5 D <i>Comments: see comment in A1</i>				
Diagnostics	(J0028-330(57) - 4 orbits - 3G160M+G130M (A2)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (J0028-330(57) - 4 orbits - 3G160M+G130M (A2)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS (J0028-330(57) - 4 orbits - 3G160M+G130M (A2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J0028-330(57) - 4 orbits - 3G160M+G130M (A2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J0028-330(57) - 4 orbits - 3G160M+G130M (A2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J0028-330(57) - 4 orbits - 3G160M+G130M (A2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(1)	J002830.40-330549.0	RA: 00 28 30.4050 (7.1266875d) Dec: -33 05 49.25 (-33.09701d) Equinox: J2000	Redshift: 0.887	V=16.4 fuv=17.33 nuv=16.52
Fixed Targets	Reference Frame: ICRS				
	<i>Comments: This target has been allocated 10 orbits (3 G130M and 7 G160M). We are splitting this up at three visits with 3+3+4 orbits. V1A is G130M only, V1B ad V1C are G160M</i> Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO				

Proposal 15163 - J0028-330(57) - 4 orbits - 3G160M+G130M (A2) - COS Ultraviolet Baryon Survey (CUBS)

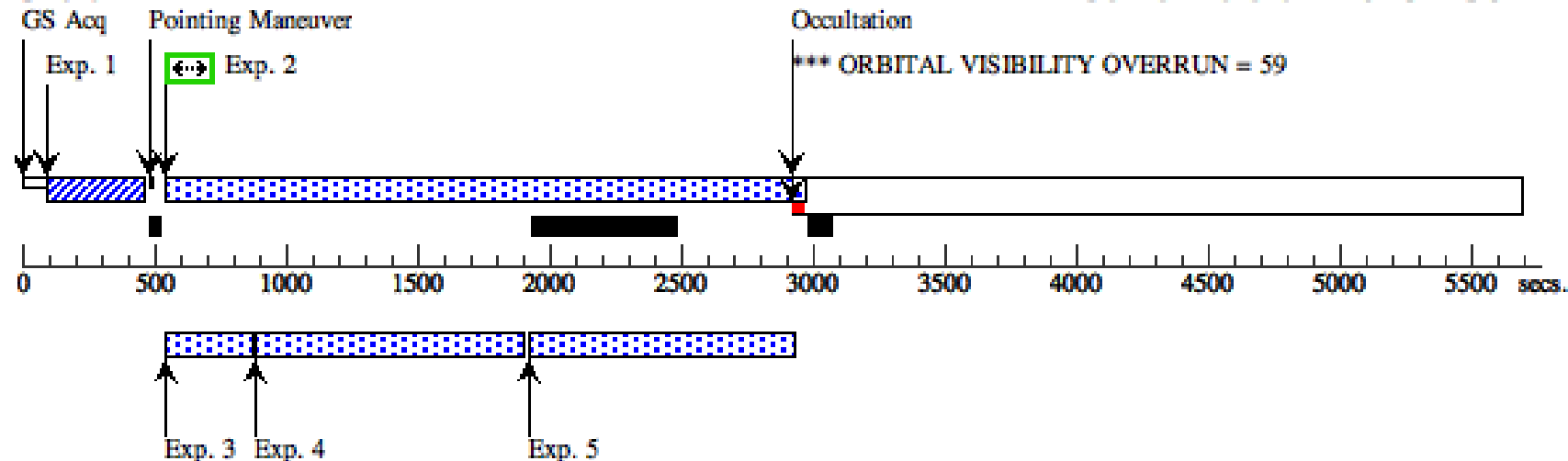
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9395)	(1) J002830.40-3305 49.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				40 Secs (40 Secs) [==>]	[1]
	2	C1589/FP2 (COS.sp.101 2114)	(1) J002830.40-3305 49.0	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=2; BUFFER-TIME=25 00		Prime + Parallel Gro up 2-5 in J0028-330(57) - 4 orbits - 3G16 0M+G130M (A2)	2218 Secs (2218 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J0028-330(57) - 4 orbits - 3G16 0M+G130M (A2)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0028-330(57) - 4 orbits - 3G16 0M+G130M (A2)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0028-330(57) - 4 orbits - 3G16 0M+G130M (A2)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1589/FP4 (COS.sp.101 2114)	(1) J002830.40-3305 49.0	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=4; BUFFER-TIME=11 36		Prime + Parallel Gro up 6-8 in J0028-330(57) - 4 orbits - 3G16 0M+G130M (A2)	1246 Secs (1246 Secs) [==>]	[2]
	7	F110-10-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=10; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-8 in J0028-330(57) - 4 orbits - 3G16 0M+G130M (A2)	227.936926 Secs (227.937 Secs) [==>]	[2]
	8	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-8 in J0028-330(57) - 4 orbits - 3G16 0M+G130M (A2)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	9	C1623/FP4 (COS.sp.101 2117)	(1) J002830.40-3305 49.0	COS/FUV, TIME-TAG, PSA	G160M 1623 A	FP-POS=4; BUFFER-TIME=25 00		Prime + Parallel Gro up 9-11 in J0028-330 (57) - 4 orbits - 3G16 0M+G130M (A2)	1267 Secs (1267 Secs) [==>]	[2]
	10	F160-14-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=14; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 9-11 in J0028-330 (57) - 4 orbits - 3G16 0M+G130M (A2)	327.938986 Secs (327.939 Secs) [==>]	[2]
	11	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 9-11 in J0028-330 (57) - 4 orbits - 3G16 0M+G130M (A2)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	12	C1623/FP2 (COS.sp.101 2117)	(1) J002830.40-3305 49.0	COS/FUV, TIME-TAG, PSA	G160M 1623 A	FP-POS=2; BUFFER-TIME=25 00		Prime + Parallel Gro up 12-16 in J0028-33 0(57) - 4 orbits - 3G1 60M+G130M (A2)	2630 Secs (2630 Secs) [==>]	[3]
	13	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 12-16 in J0028-33 0(57) - 4 orbits - 3G1 60M+G130M (A2)	302.938471 Secs (302.938 Secs) [==>]	[3]
	14	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 12-16 in J0028-33 0(57) - 4 orbits - 3G1 60M+G130M (A2)	1002.935521 Secs (1002.936 Secs) [==>]	[3]

Proposal 15163 - J0028-330(57) - 4 orbits - 3G160M+G130M (A2) - COS Ultraviolet Baryon Survey (CUBS)

15	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 12-16 in J0028-33 0(57) - 4 orbits - 3G1 60M+G130M (A2)	1002.935521 Secs (1002.936 Secs) [==>]	[3]
16	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 12-16 in J0028-33 0(57) - 4 orbits - 3G1 60M+G130M (A2)	302.938471 Secs (302.938 Secs) [==>]	[3]
17	C1291/FP3 (COS.sp.101 49.0 2109)	(1) J002830.40-3305	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=11 03	Prime + Parallel Gro up 17-19 in J0028-33 0(57) - 4 orbits - 3G1 60M+G130M (A2)	1235 Secs (1235 Secs) [==>]	[4]
18	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 17-19 in J0028-33 0(57) - 4 orbits - 3G1 60M+G130M (A2)	302.938471 Secs (302.938 Secs) [==>]	[4]
19	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 17-19 in J0028-33 0(57) - 4 orbits - 3G1 60M+G130M (A2)	1002.935521 Secs (1002.936 Secs) [==>]	[4]
20	C1291/FP4 (COS.sp.101 49.0 2109)	(1) J002830.40-3305	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=20 00	Prime + Parallel Gro up 20-22 in J0028-33 0(57) - 4 orbits - 3G1 60M+G130M (A2)	1228 Secs (1228 Secs) [==>]	[4]
21	G141-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 20-22 in J0028-33 0(57) - 4 orbits - 3G1 60M+G130M (A2)	902.935198 Secs (902.935 Secs) [==>]	[4]
22	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 20-22 in J0028-33 0(57) - 4 orbits - 3G1 60M+G130M (A2)	302.938471 Secs (302.938 Secs) [==>]	[4]

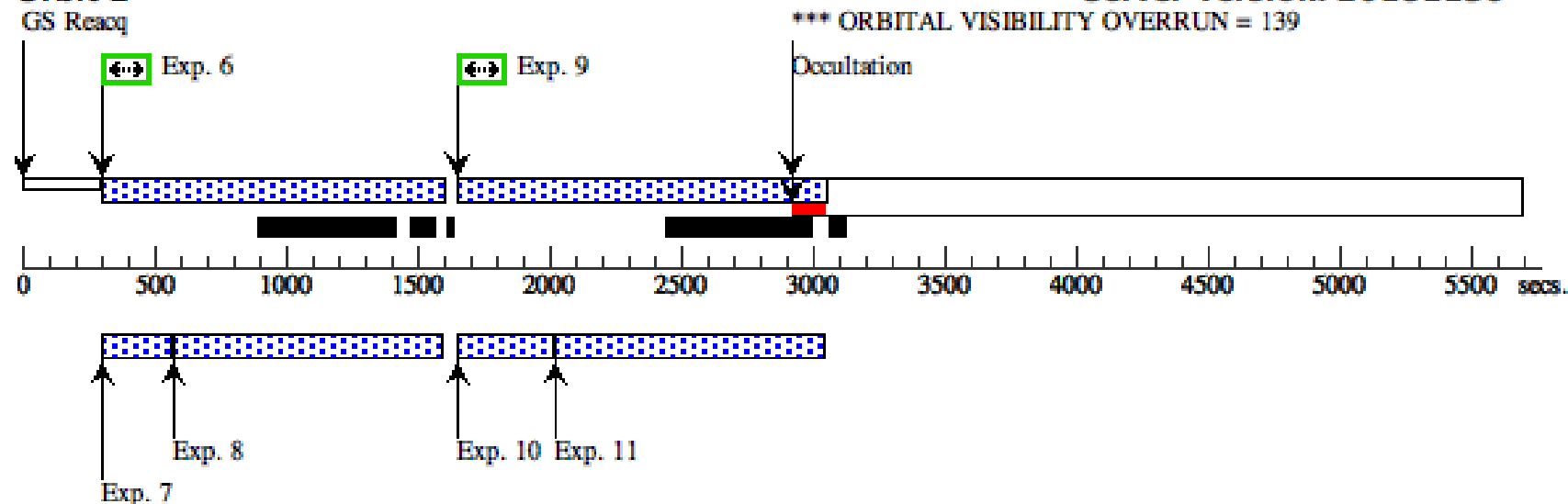
Orbit 1

Server Version: 20181130



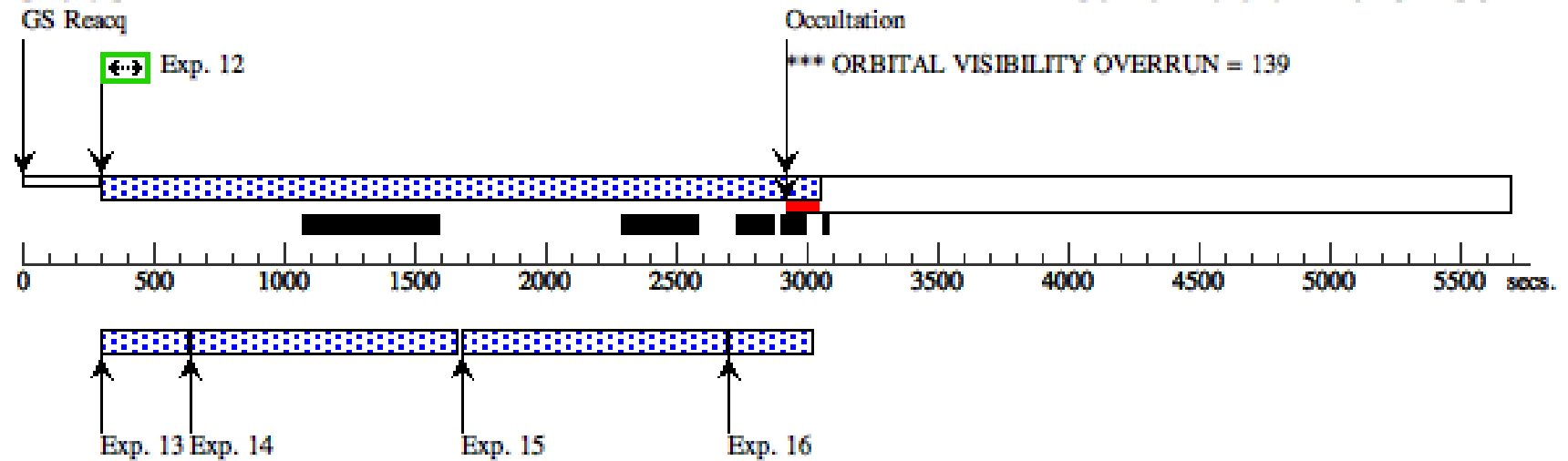
Orbit 2

Server Version: 20181130



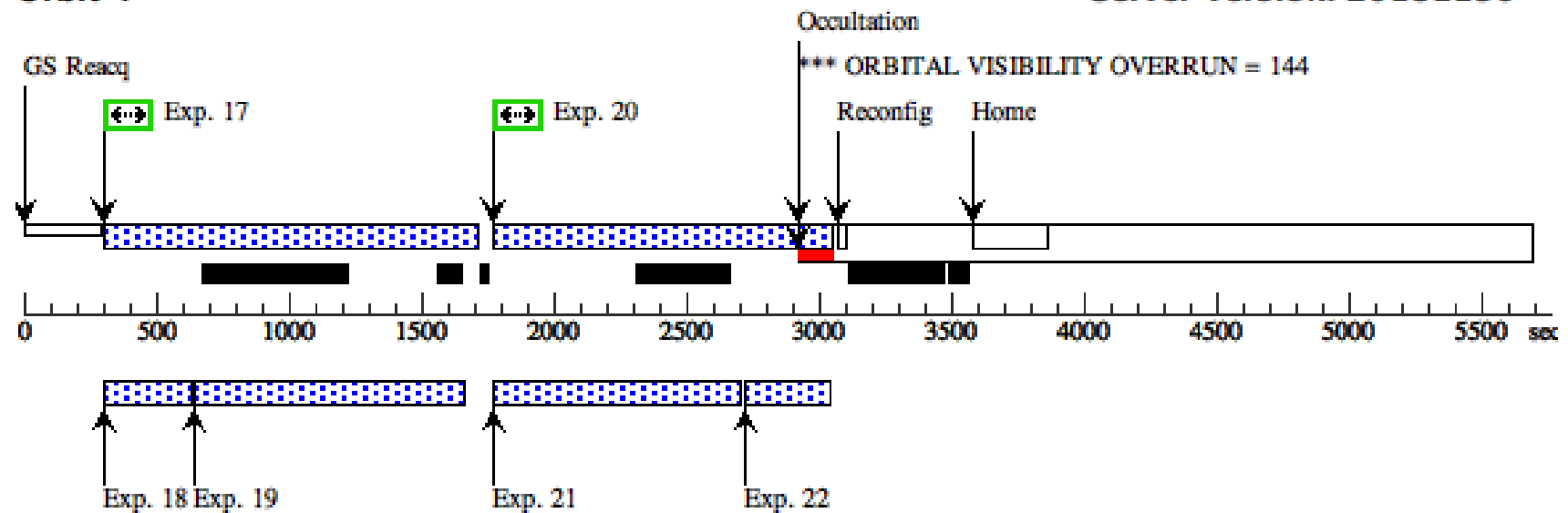
Orbit 3

Server Version: 20181130



Orbit 4

Server Version: 20181130



Proposal 15163 - J0028-330(57) - 4 orbits - G160M (A3) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J0028-330(57) - 4 orbits - G160M (A3), completed Tue Feb 26 23:04:21 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV Special Requirements: SCHED 100%; ORIENT 320.3D TO 298.5 D <i>Comments: see comment in A1</i>				
Diagnostics	(J0028-330(57) - 4 orbits - G160M (A3)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (J0028-330(57) - 4 orbits - G160M (A3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J0028-330(57) - 4 orbits - G160M (A3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J0028-330(57) - 4 orbits - G160M (A3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J0028-330(57) - 4 orbits - G160M (A3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(1)	J002830.40-330549.0	RA: 00 28 30.4050 (7.1266875d) Dec: -33 05 49.25 (-33.09701d) Equinox: J2000	Redshift: 0.887	V=16.4 fuv=17.33 nuv=16.52
Fixed Targets	Miscellaneous Reference Frame: ICRS				
	<i>Comments: This target has been allocated 10 orbits (3 G130M and 7 G160M). We are splitting this up at three visits with 3+3+4 orbits. V1A is G130M only, V1B ad V1C are G160M</i> Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO				

Proposal 15163 - J0028-330(57) - 4 orbits - G160M (A3) - COS Ultraviolet Baryon Survey (CUBS)

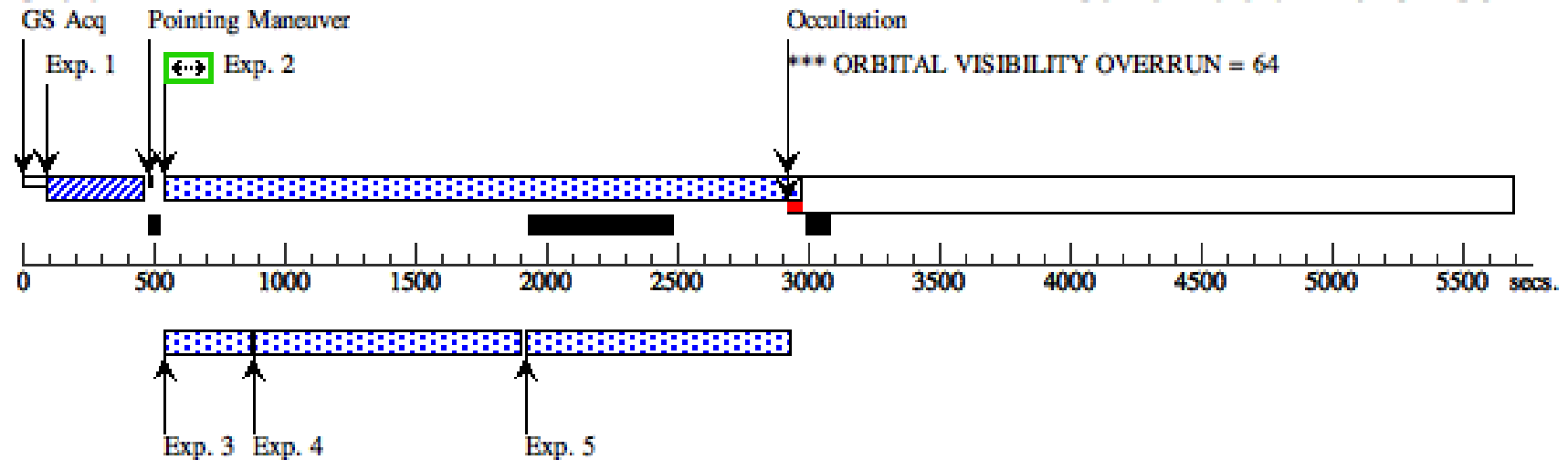
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9395)	(1) J002830.40-3305 49.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				40 Secs (40 Secs) [==>]	[1]
	2	C1611/FP2 (COS.sp.101 2117)	(1) J002830.40-3305 49.0	COS/FUV, TIME-TAG, PSA	G160M 1611 A	FP-POS=2; BUFFER-TIME=25 00		Prime + Parallel Gro up 2-5 in J0028-330(57) - 4 orbits - G160 M (A3)	2216 Secs (2216 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J0028-330(57) - 4 orbits - G160 M (A3)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0028-330(57) - 4 orbits - G160 M (A3)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0028-330(57) - 4 orbits - G160 M (A3)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1611/FP4 (COS.sp.101 2117)	(1) J002830.40-3305 49.0	COS/FUV, TIME-TAG, PSA	G160M 1611 A	FP-POS=4; BUFFER-TIME=25 00		Prime + Parallel Gro up 6-10 in J0028-330(57) - 4 orbits - G160 M (A3)	2696 Secs (2696 Secs) [==>]	[2]
	7	F110-9-S25 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=9; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0028-330(57) - 4 orbits - G160 M (A3)	202.936411 Secs (202.936 Secs) [==>]	[2]
	8	G102-12-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=12; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0028-330(57) - 4 orbits - G160 M (A3)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	9	G102-12-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=12; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0028-330(57) - 4 orbits - G160 M (A3)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	10	F110-10-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=10; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0028-330(57) - 4 orbits - G160 M (A3)	227.936926 Secs (227.937 Secs) [==>]	[2]
	11	C1577/FP2 (COS.sp.101 2114)	(1) J002830.40-3305 49.0	COS/FUV, TIME-TAG, PSA	G160M 1577 A	FP-POS=2; BUFFER-TIME=25 00		Prime + Parallel Gro up 11-15 in J0028-33 0(57) - 4 orbits - G16 0M (A3)	2619 Secs (2619 Secs) [==>]	[3]
	12	F110-9-S25 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=9; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 11-15 in J0028-33 0(57) - 4 orbits - G16 0M (A3)	202.936411 Secs (202.936 Secs) [==>]	[3]
	13	G102-12-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=12; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-15 in J0028-33 0(57) - 4 orbits - G16 0M (A3)	1102.935844 Secs (1102.936 Secs) [==>]	[3]
	14	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-15 in J0028-33 0(57) - 4 orbits - G16 0M (A3)	1002.935521 Secs (1002.936 Secs) [==>]	[3]

Proposal 15163 - J0028-330(57) - 4 orbits - G160M (A3) - COS Ultraviolet Baryon Survey (CUBS)

	15	F160-12-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 11-15 in J0028-33 0(57) - 4 orbits - G16 0M (A3)	277.937956 Secs (277.938 Secs) [==>]	[3]
	16	C1577/FP4 (COS.sp.101 49.0 2114)	(1) J002830.40-3305	COS/FUV, TIME-TAG, PSA	G160M 1577 A	FP-POS=4; BUFFER-TIME=25 00	Prime + Parallel Gro up 16-20 in J0028-33 0(57) - 4 orbits - G16 0M (A3)	2696 Secs (2696 Secs) [==>]	[4]
	17	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 16-20 in J0028-33 0(57) - 4 orbits - G16 0M (A3)	302.938471 Secs (302.938 Secs) [==>]	[4]
	18	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 16-20 in J0028-33 0(57) - 4 orbits - G16 0M (A3)	1002.935521 Secs (1002.936 Secs) [==>]	[4]
	19	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 16-20 in J0028-33 0(57) - 4 orbits - G16 0M (A3)	1002.935521 Secs (1002.936 Secs) [==>]	[4]
	20	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 16-20 in J0028-33 0(57) - 4 orbits - G16 0M (A3)	302.938471 Secs (302.938 Secs) [==>]	[4]

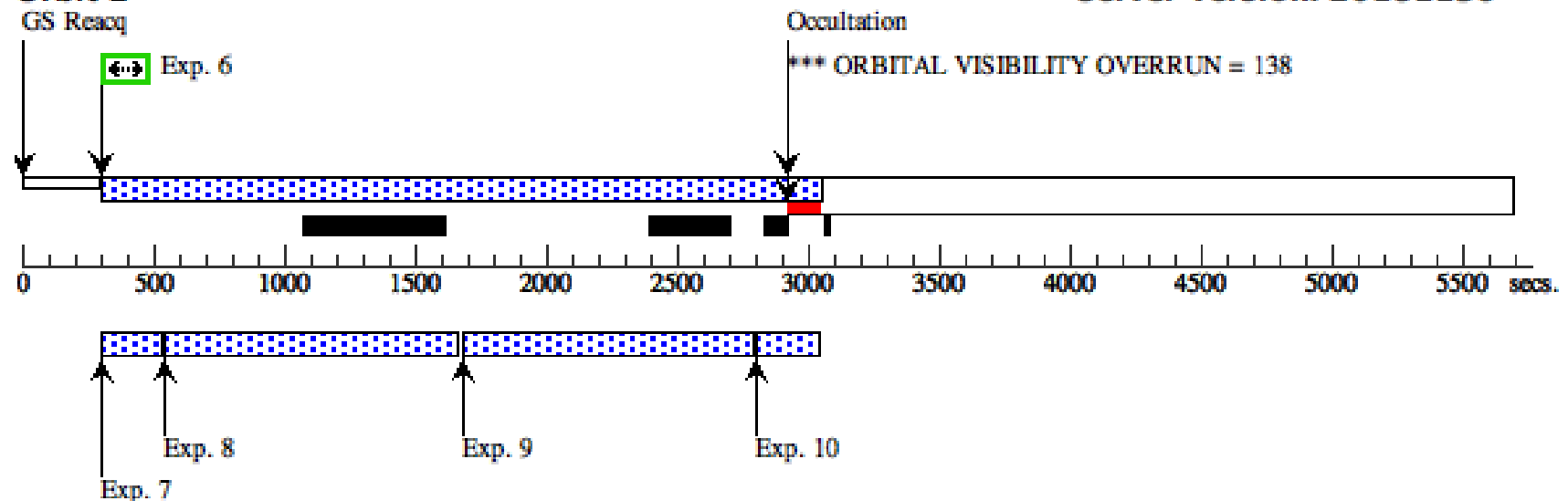
Orbit 1

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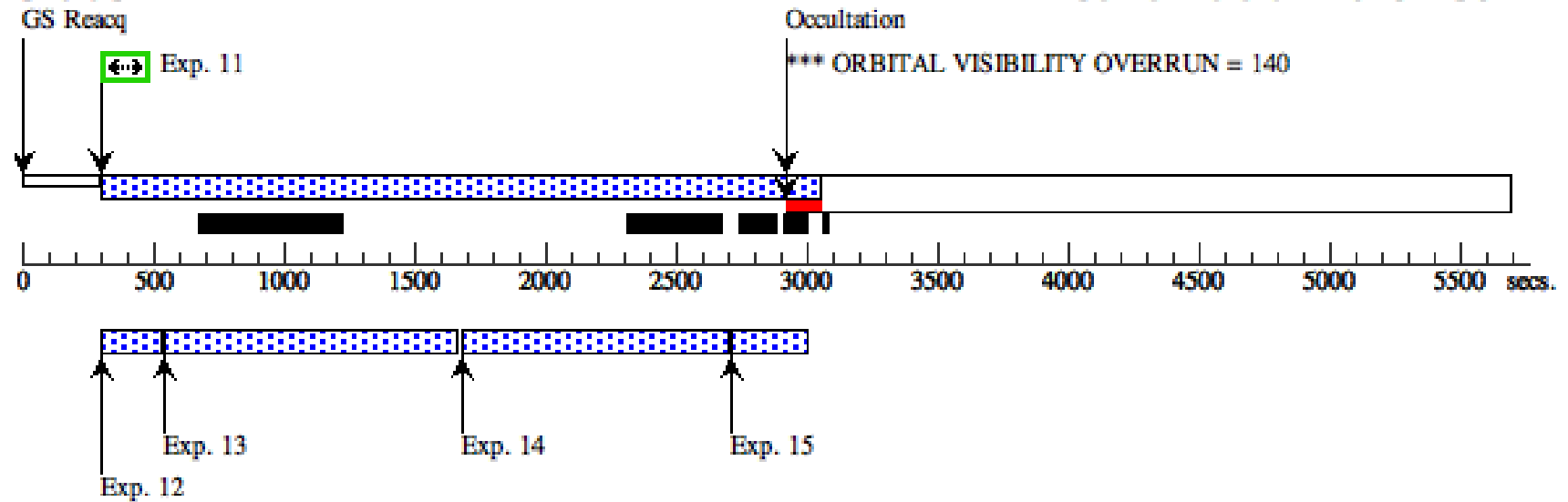
Orbit 2

Server Version: 20181130



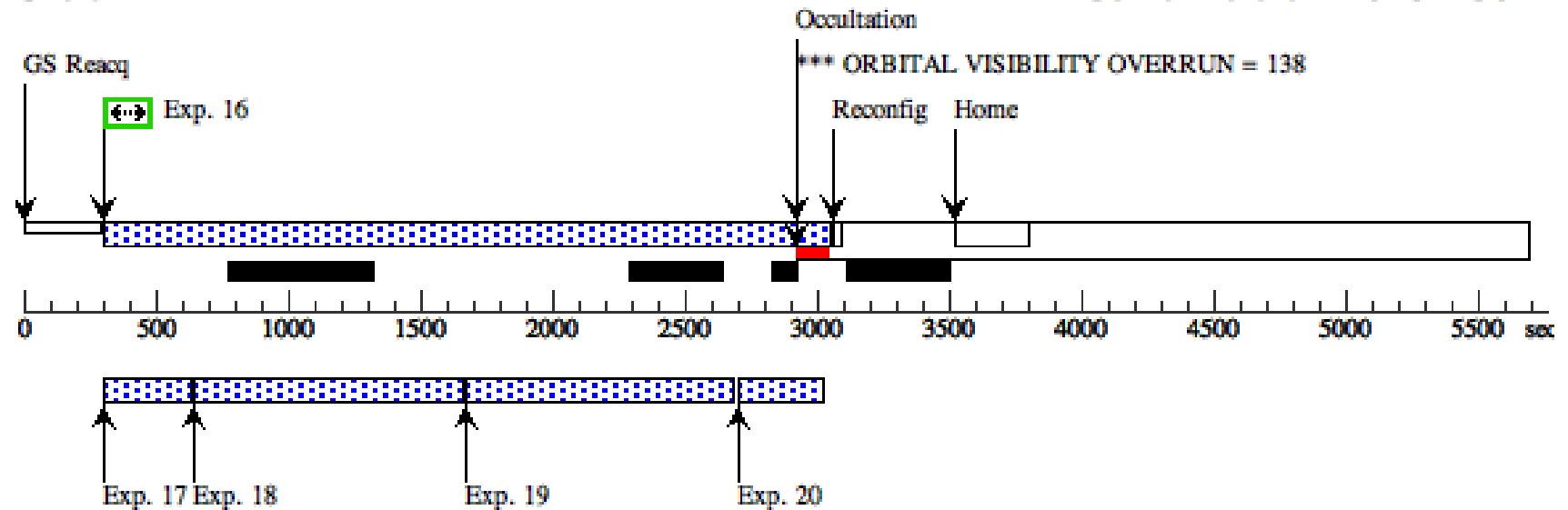
Orbit 3

Server Version: 20181130



Orbit 4

Server Version: 20181130



Proposal 15163 - J2245-4931(57) - 4 orbits - G130M - BaseOrient (L1) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J2245-4931(57) - 4 orbits - G130M - BaseOrient (L1), scheduling					Tue Feb 26 23:04:21 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%					
	Comments: This target has 12 orbits. This visit contains 4 G130M orbits+ 8 G160M 2 orbits C1223 + 2 orbits C1291 2 orbits C1577 + 2 orbits C1589 + 2 orbits C1611 + 2 orbits C1623 L1 : G160M C1589F2 + C1611F4 + C1222F12 + C1222F34 L2 : G130M C1291F3 + G160M C1589F4 + C1623F24 L3 : G130M C1291F4 + G160M C1611F2 + C1577F24					
Diagnosics	(J2245-4931(57) - 4 orbits - G130M - BaseOrient (L1)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(12)	J224500.21-493148.5	RA: 22 45 0.2070 (341.2508625d)	Redshift: 1.003	V=6.5	Reference Frame: ICRS
			Dec: -49 31 48.46 (-49.53013d)		fuv=18.1 nuv=16.9	
			Equinox: J2000			
		Comments: Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO				

Proposal 15163 - J2245-4931(57) - 4 orbits - G130M - BaseOrient (L1) - COS Ultraviolet Baryon Survey (CUBS)

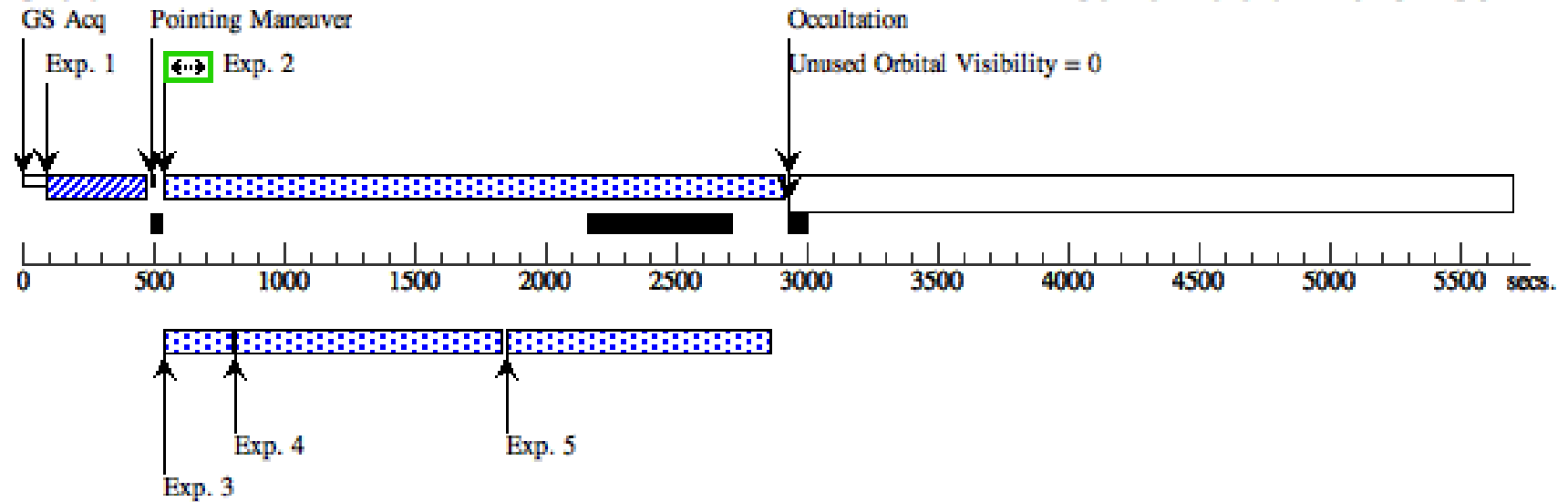
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9408)	(12) J224500.21-493 148.5	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				43 Secs (43 Secs) [==>]	[1]
	2	C1589/FP2 (COS.sp.101 2114)	(12) J224500.21-493 148.5	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=2; BUFFER-TIME=36 00		Prime + Parallel Gro up 2-5 in J2245-4931 (57) - 4 orbits - G130 M - BaseOrient (L1)	2159 Secs (2159 Secs) [==>]	[1]
	3	F110-10-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=10; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J2245-4931 (57) - 4 orbits - G130 M - BaseOrient (L1)	227.936926 Secs (227.937 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J2245-4931 (57) - 4 orbits - G130 M - BaseOrient (L1)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J2245-4931 (57) - 4 orbits - G130 M - BaseOrient (L1)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1611/FP4 (COS.sp.101 2117)	(12) J224500.21-493 148.5	COS/FUV, TIME-TAG, PSA	G160M 1611 A	FP-POS=4; BUFFER-TIME=36 00		Prime + Parallel Gro up 6-10 in J2245-493 1(57) - 4 orbits - G13 0M - BaseOrient (L1)	2488 Secs (2488 Secs) [==>]	[2]
	7	F110-10-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=10; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J2245-493 1(57) - 4 orbits - G13 0M - BaseOrient (L1)	227.936926 Secs (227.937 Secs) [==>]	[2]
	8	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J2245-493 1(57) - 4 orbits - G13 0M - BaseOrient (L1)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	9	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J2245-493 1(57) - 4 orbits - G13 0M - BaseOrient (L1)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	10	F110-10-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=10; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J2245-493 1(57) - 4 orbits - G13 0M - BaseOrient (L1)	227.936926 Secs (227.937 Secs) [==>]	[2]
	11	C1222/FP1 (COS.sp.101 3001)	(12) J224500.21-493 148.5	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=1; BUFFER-TIME=36 00		Prime + Parallel Gro up 11-13 in J2245-49 31(57) - 4 orbits - G1 30M - BaseOrient (L 1)	1200 Secs (1200 Secs) [==>]	[3]
	12	F110-10-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=10; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 11-13 in J2245-49 31(57) - 4 orbits - G1 30M - BaseOrient (L 1)	227.936926 Secs (227.937 Secs) [==>]	[3]

Proposal 15163 - J2245-4931(57) - 4 orbits - G130M - BaseOrient (L1) - COS Ultraviolet Baryon Survey (CUBS)

13	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 11-13 in J2245-49 31(57) - 4 orbits - G1 30M - BaseOrient (L 1)	1002.935521 Secs (1002.936 Secs) [==>]	[3]
14	C1222/FP2 (COS.sp.101 148.5 3001)	(12) J224500.21-493	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=2; BUFFER-TIME=20 00	Prime + Parallel Gro up 14-16 in J2245-49 31(57) - 4 orbits - G1 30M - BaseOrient (L 1)	1100 Secs (1100 Secs) [==>]	[3]
15	F160-10-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=10; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 14-16 in J2245-49 31(57) - 4 orbits - G1 30M - BaseOrient (L 1)	227.936926 Secs (227.937 Secs) [==>]	[3]
16	G141-9-S10 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=9; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 14-16 in J2245-49 31(57) - 4 orbits - G1 30M - BaseOrient (L 1)	802.934875 Secs (802.935 Secs) [==>]	[3]
17	C1222/FP3 (COS.sp.101 148.5 3001)	(12) J224500.21-493	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=3; BUFFER-TIME=11 00	Prime + Parallel Gro up 17-19 in J2245-49 31(57) - 4 orbits - G1 30M - BaseOrient (L 1)	1293 Secs (1293 Secs) [==>]	[4]
18	F160-15-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=15; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 17-19 in J2245-49 31(57) - 4 orbits - G1 30M - BaseOrient (L 1)	352.939501 Secs (352.94 Secs) [==>]	[4]
19	G141-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 17-19 in J2245-49 31(57) - 4 orbits - G1 30M - BaseOrient (L 1)	902.935198 Secs (902.935 Secs) [==>]	[4]
20	C1222/FP4 (COS.sp.101 148.5 3001)	(12) J224500.21-493	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=4; BUFFER-TIME=20 00	Prime + Parallel Gro up 20-22 in J2245-49 31(57) - 4 orbits - G1 30M - BaseOrient (L 1)	1156 Secs (1156 Secs) [==>]	[4]
21	G141-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 20-22 in J2245-49 31(57) - 4 orbits - G1 30M - BaseOrient (L 1)	902.935198 Secs (902.935 Secs) [==>]	[4]
22	F160-10-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=10; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 20-22 in J2245-49 31(57) - 4 orbits - G1 30M - BaseOrient (L 1)	227.936926 Secs (227.937 Secs) [==>]	[4]

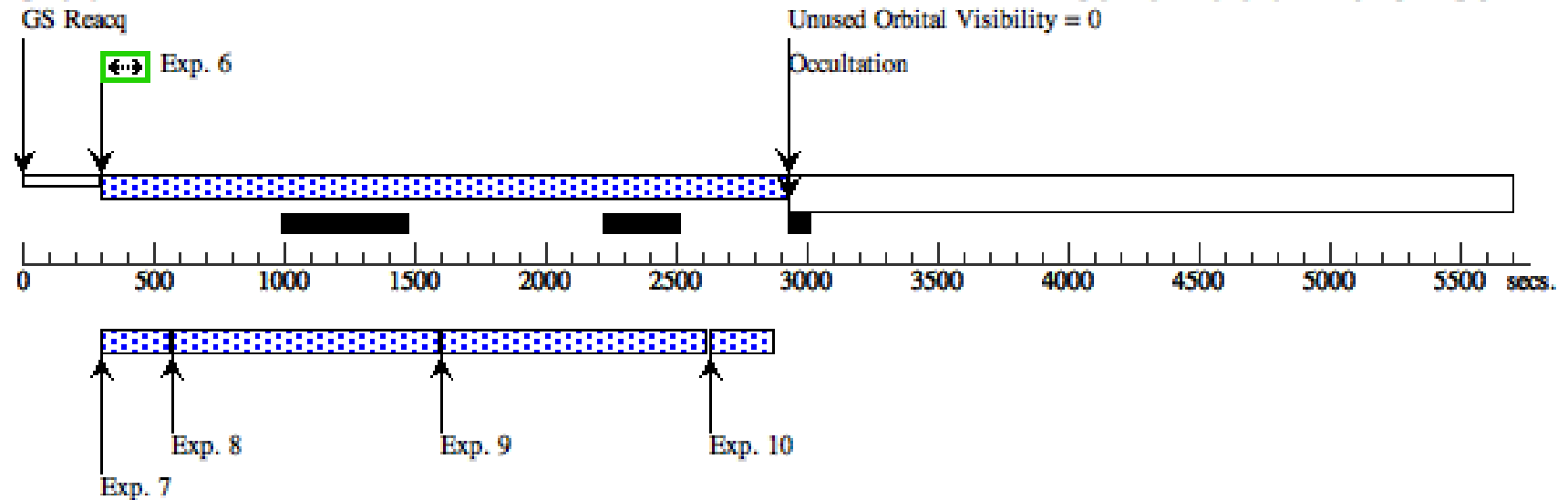
Orbit 1

Server Version: 20181130



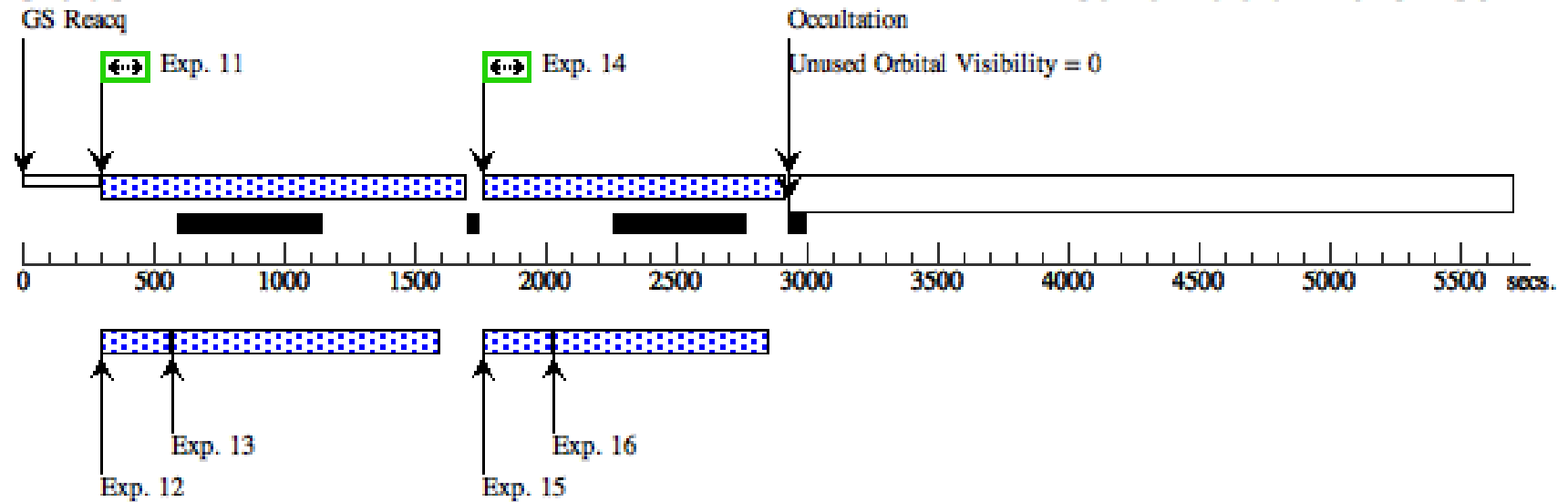
Orbit 2

Server Version: 20181130



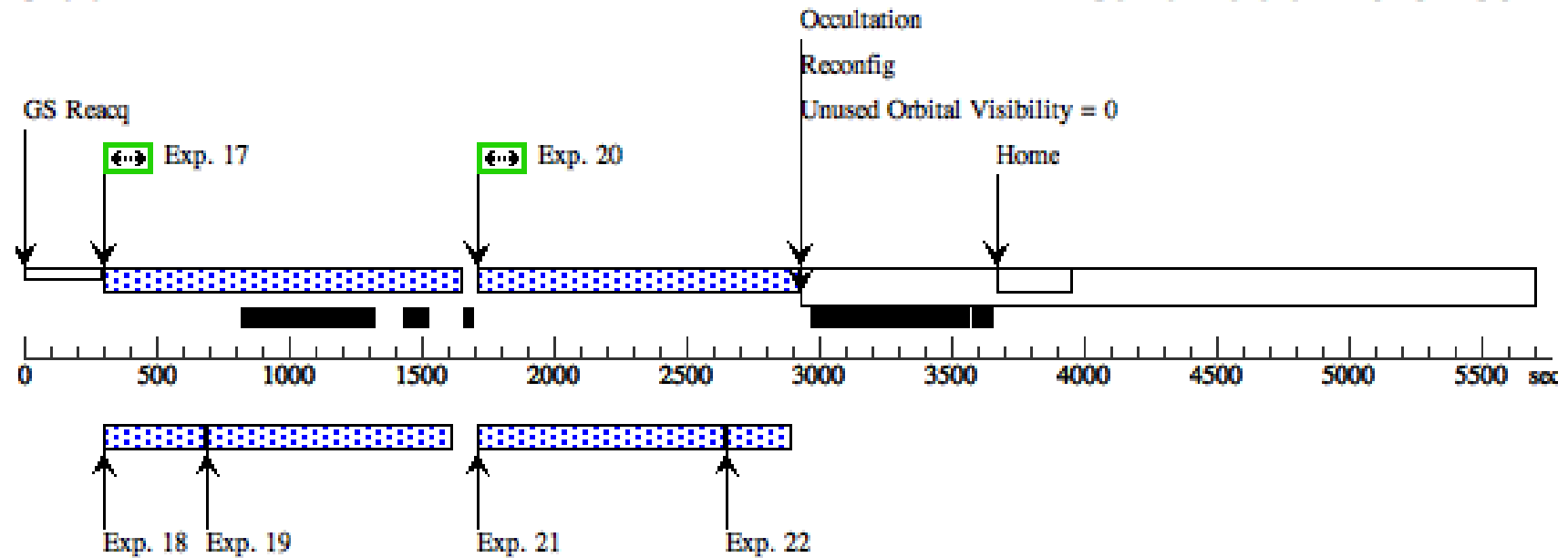
Orbit 3

Server Version: 20181130



Orbit 4

Server Version: 20181130



Proposal 15163 - J2245-4931(57) - 4 orbits - 3G160M+G130M (L2) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J2245-4931(57) - 4 orbits - 3G160M+G130M (L2), scheduling Tue Feb 26 23:04:21 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV Special Requirements: SCHED 100% <i>Comments: see comment in L1</i>				
Diagnostics	(J2245-4931(57) - 4 orbits - 3G160M+G130M (L2)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(12)	J224500.21-493148.5	RA: 22 45 0.2070 (341.2508625d) Dec: -49 31 48.46 (-49.53013d) Equinox: J2000	Redshift: 1.003	V=6.5 fuv=18.1 nuv=16.9
Fixed Targets	Miscellaneous Reference Frame: ICRS				
	<i>Comments:</i> Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO				

Proposal 15163 - J2245-4931(57) - 4 orbits - 3G160M+G130M (L2) - COS Ultraviolet Baryon Survey (CUBS)

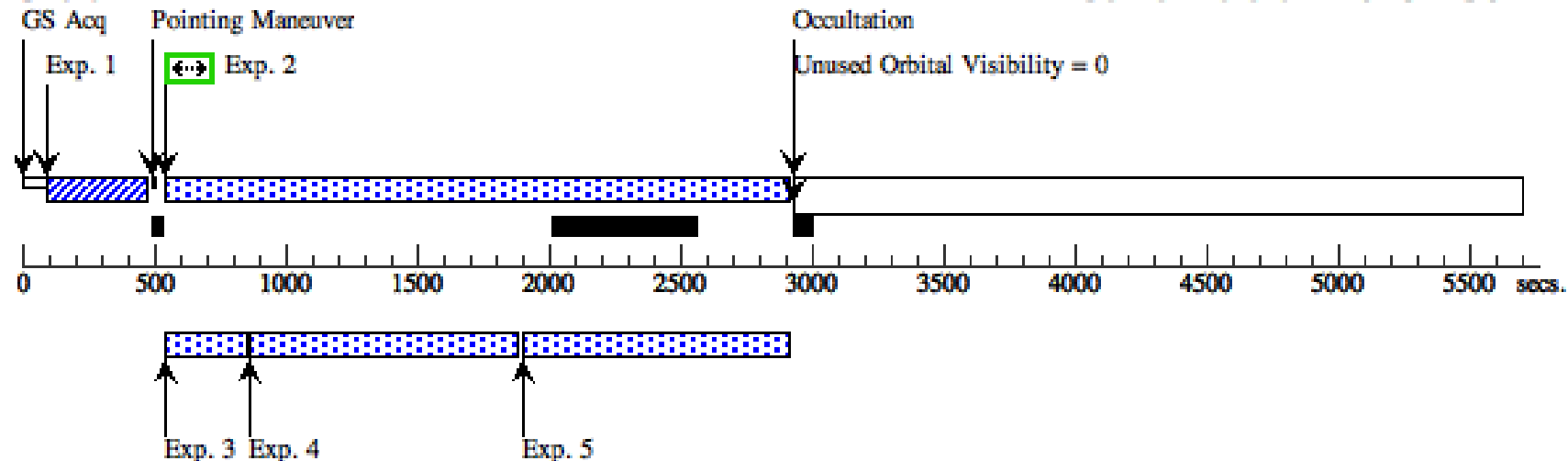
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9408)	(12) J224500.21-493 148.5	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				43 Secs (43 Secs) [==>]	[1]
	2	C1291/FP3 (COS.sp.101 2109)	(12) J224500.21-493 148.5	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=36 00		Prime + Parallel Gro up 2-5 in J2245-4931 (57) - 4 orbits - 3G16 0M+G130M (L2)	2202 Secs (2202 Secs) [==>]	[1]
	3	F110-12-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=12; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J2245-4931 (57) - 4 orbits - 3G16 0M+G130M (L2)	277.937956 Secs (277.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J2245-4931 (57) - 4 orbits - 3G16 0M+G130M (L2)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J2245-4931 (57) - 4 orbits - 3G16 0M+G130M (L2)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1589/FP4 (COS.sp.101 2114)	(12) J224500.21-493 148.5	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=4; BUFFER-TIME=36 00		Prime + Parallel Gro up 6-10 in J2245-493 1(57) - 4 orbits - 3G1 60M+G130M (L2)	2456 Secs (2456 Secs) [==>]	[2]
	7	F110-10-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=10; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J2245-493 1(57) - 4 orbits - 3G1 60M+G130M (L2)	227.936926 Secs (227.937 Secs) [==>]	[2]
	8	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J2245-493 1(57) - 4 orbits - 3G1 60M+G130M (L2)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	9	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J2245-493 1(57) - 4 orbits - 3G1 60M+G130M (L2)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	10	F160-10-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=10; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J2245-493 1(57) - 4 orbits - 3G1 60M+G130M (L2)	227.936926 Secs (227.937 Secs) [==>]	[2]
	11	C1623/FP2 (COS.sp.101 2117)	(12) J224500.21-493 148.5	COS/FUV, TIME-TAG, PSA	G160M 1623 A	FP-POS=2; BUFFER-TIME=36 00		Prime + Parallel Gro up 11-15 in J2245-49 31(57) - 4 orbits - 3G 160M+G130M (L2)	2485 Secs (2485 Secs) [==>]	[3]
	12	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 11-15 in J2245-49 31(57) - 4 orbits - 3G 160M+G130M (L2)	252.937441 Secs (252.937 Secs) [==>]	[3]
	13	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-15 in J2245-49 31(57) - 4 orbits - 3G 160M+G130M (L2)	1002.935521 Secs (1002.936 Secs) [==>]	[3]
	14	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-15 in J2245-49 31(57) - 4 orbits - 3G 160M+G130M (L2)	1002.935521 Secs (1002.936 Secs) [==>]	[3]

Proposal 15163 - J2245-4931(57) - 4 orbits - 3G160M+G130M (L2) - COS Ultraviolet Baryon Survey (CUBS)

	15	F110-10-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=10; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 11-15 in J2245-49 31(57) - 4 orbits - 3G 160M+G130M (L2)	227.936926 Secs (227.937 Secs) [==>]	[3]
	16	C1623/FP4 (COS.sp.101 148.5 2109)	(12) J224500.21-493	COS/FUV, TIME-TAG, PSA	G160M 1623 A	FP-POS=4; BUFFER-TIME=36 00	Prime + Parallel Gro up 16-20 in J2245-49 31(57) - 4 orbits - 3G 160M+G130M (L2)	2564 Secs (2564 Secs) [==>]	[4]
	17	F160-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=11; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 16-20 in J2245-49 31(57) - 4 orbits - 3G 160M+G130M (L2)	252.937441 Secs (252.937 Secs) [==>]	[4]
	18	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 16-20 in J2245-49 31(57) - 4 orbits - 3G 160M+G130M (L2)	1002.935521 Secs (1002.936 Secs) [==>]	[4]
	19	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 16-20 in J2245-49 31(57) - 4 orbits - 3G 160M+G130M (L2)	1002.935521 Secs (1002.936 Secs) [==>]	[4]
	20	F160-10-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=10; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 16-20 in J2245-49 31(57) - 4 orbits - 3G 160M+G130M (L2)	227.936926 Secs (227.937 Secs) [==>]	[4]

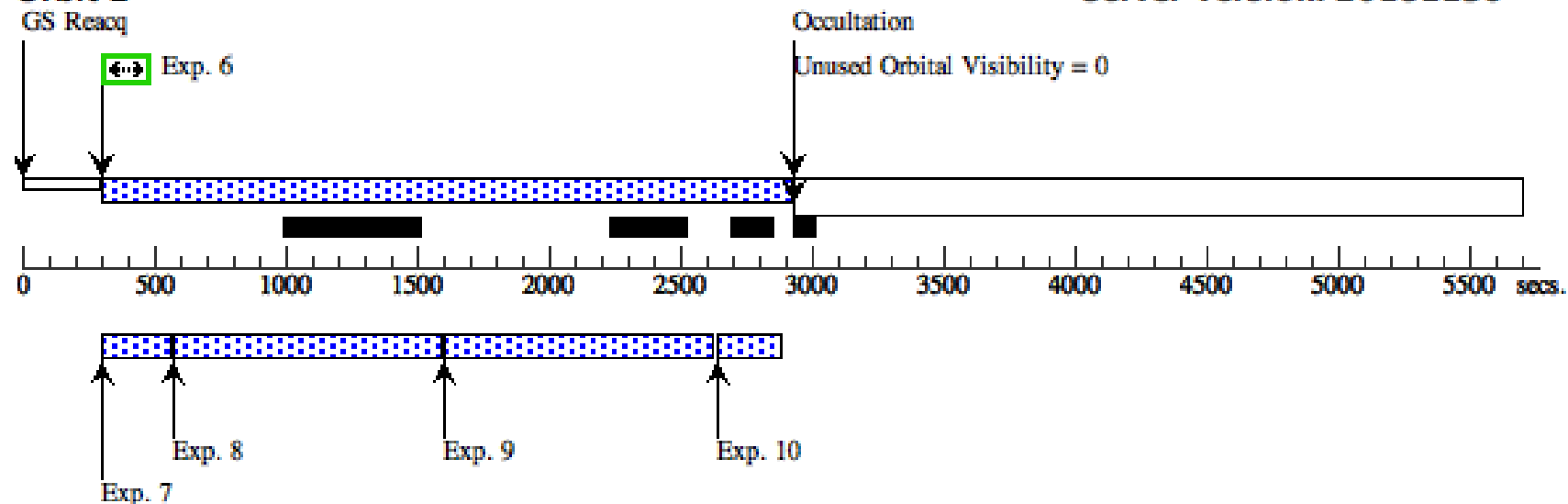
Orbit 1

Server Version: 20181130



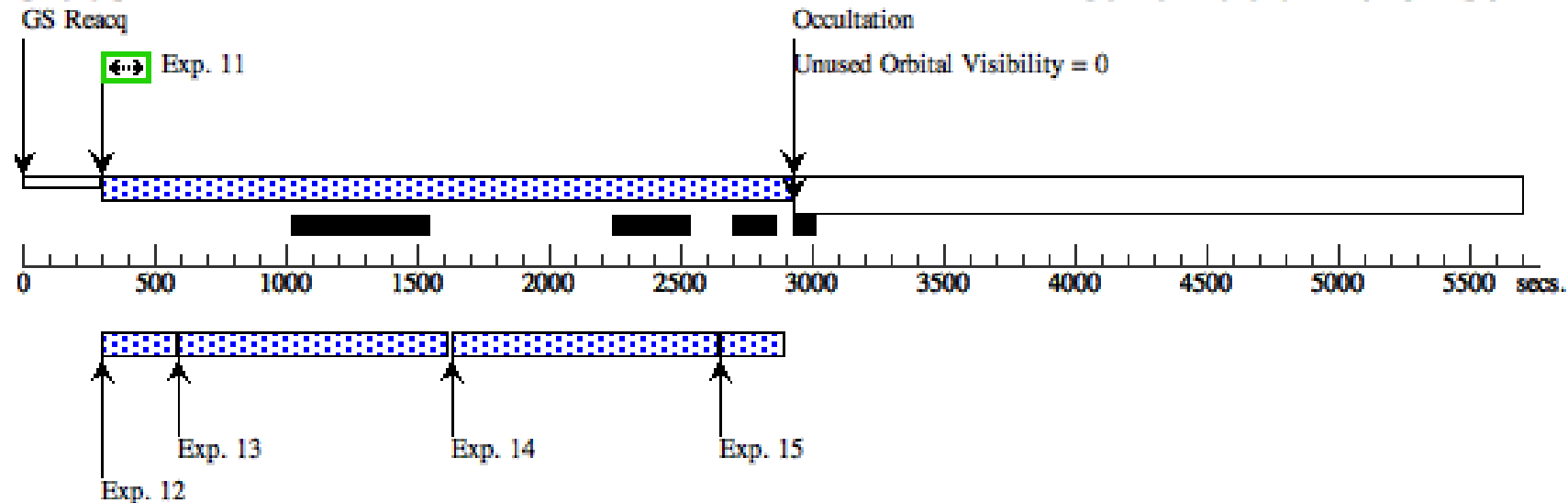
Orbit 2

Server Version: 20181130



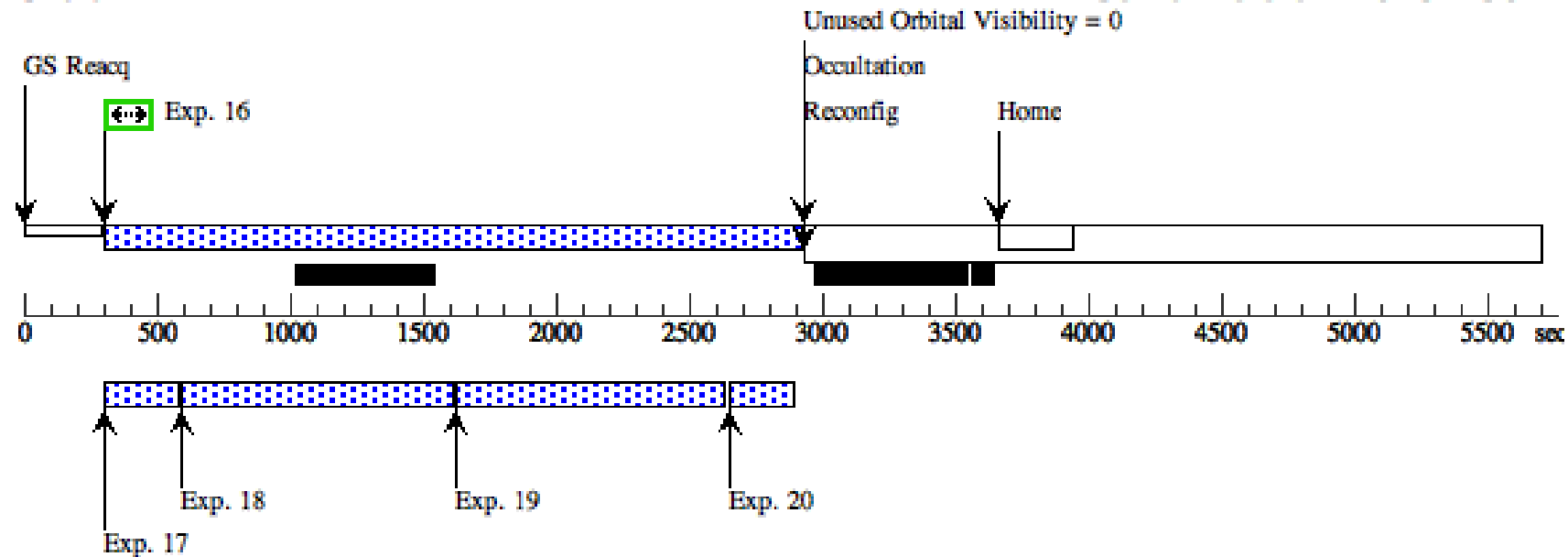
Orbit 3

Server Version: 20181130



Orbit 4

Server Version: 20181130



Proposal 15163 - J2245-4931(57) - 4 orbits - G160M (L3) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J2245-4931(57) - 4 orbits - G160M (L3), scheduling					Tue Feb 26 23:04:21 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%					
Comments: see comment in L1						
Diagnosics	J2245-4931(57) - 4 orbits - G160M (L3)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(12)	J224500.21-493148.5	RA: 22 45 0.2070 (341.2508625d)	Redshift: 1.003	V=6.5	Reference Frame: ICRS
			Dec: -49 31 48.46 (-49.53013d)		fuv=18.1 nuv=16.9	
			Equinox: J2000			
Comments:						
Category=EXT-MEDIUM						
Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM]						
Extended=NO						

Proposal 15163 - J2245-4931(57) - 4 orbits - G160M (L3) - COS Ultraviolet Baryon Survey (CUBS)

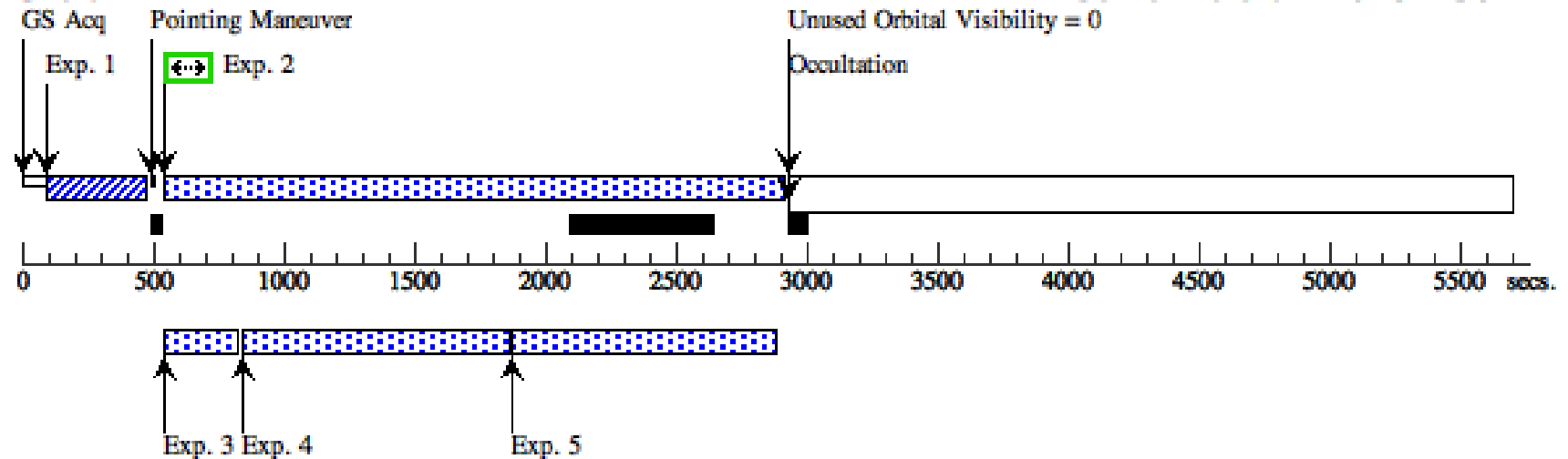
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9408)	(12) J224500.21-493 148.5	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				43 Secs (43 Secs) [==>]	[1]
	2	C1611/FP2 (COS.sp.101 2117)	(12) J224500.21-493 148.5	COS/FUV, TIME-TAG, PSA	G160M 1611 A	FP-POS=2; BUFFER-TIME=36 00		Prime + Parallel Gro up 2-5 in J2245-4931 (57) - 4 orbits - G160 M (L3)	2152 Secs (2152 Secs) [==>]	[1]
	3	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J2245-4931 (57) - 4 orbits - G160 M (L3)	252.937441 Secs (252.937 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J2245-4931 (57) - 4 orbits - G160 M (L3)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J2245-4931 (57) - 4 orbits - G160 M (L3)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1291/FP4 (COS.sp.101 2109)	(12) J224500.21-493 148.5	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=36 00		Prime + Parallel Gro up 6-10 in J2245-493 1(57) - 4 orbits - G16 0M (L3)	2443 Secs (2443 Secs) [==>]	[2]
	7	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J2245-493 1(57) - 4 orbits - G16 0M (L3)	252.937441 Secs (252.937 Secs) [==>]	[2]
	8	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J2245-493 1(57) - 4 orbits - G16 0M (L3)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	9	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J2245-493 1(57) - 4 orbits - G16 0M (L3)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	10	F110-10-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=10; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J2245-493 1(57) - 4 orbits - G16 0M (L3)	227.936926 Secs (227.937 Secs) [==>]	[2]
	11	C1577/FP2 (COS.sp.101 2114)	(12) J224500.21-493 148.5	COS/FUV, TIME-TAG, PSA	G160M 1577 A	FP-POS=2; BUFFER-TIME=36 00		Prime + Parallel Gro up 11-15 in J2245-49 31(57) - 4 orbits - G1 60M (L3)	2452 Secs (2452 Secs) [==>]	[3]
	12	F110-9-S25	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=9; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 11-15 in J2245-49 31(57) - 4 orbits - G1 60M (L3)	202.936411 Secs (202.936 Secs) [==>]	[3]
	13	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-15 in J2245-49 31(57) - 4 orbits - G1 60M (L3)	1002.935521 Secs (1002.936 Secs) [==>]	[3]
	14	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-15 in J2245-49 31(57) - 4 orbits - G1 60M (L3)	1002.935521 Secs (1002.936 Secs) [==>]	[3]

Proposal 15163 - J2245-4931(57) - 4 orbits - G160M (L3) - COS Ultraviolet Baryon Survey (CUBS)

	15	F160-10-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=10; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 11-15 in J2245-49 31(57) - 4 orbits - G1 60M (L3)	227.936926 Secs (227.937 Secs) [==>]	[3]
	16	C1577/FP4 (COS.sp.101 148.5 2114)	(12) J224500.21-493	COS/FUV, TIME-TAG, PSA	G160M 1577 A	FP-POS=4; BUFFER-TIME=36 00	Prime + Parallel Gro up 16-20 in J2245-49 31(57) - 4 orbits - G1 60M (L3)	2564 Secs (2564 Secs) [==>]	[4]
	17	F160-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=11; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 16-20 in J2245-49 31(57) - 4 orbits - G1 60M (L3)	252.937441 Secs (252.937 Secs) [==>]	[4]
	18	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 16-20 in J2245-49 31(57) - 4 orbits - G1 60M (L3)	1002.935521 Secs (1002.936 Secs) [==>]	[4]
	19	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 16-20 in J2245-49 31(57) - 4 orbits - G1 60M (L3)	1002.935521 Secs (1002.936 Secs) [==>]	[4]
	20	F160-10-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=10; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 16-20 in J2245-49 31(57) - 4 orbits - G1 60M (L3)	227.936926 Secs (227.937 Secs) [==>]	[4]

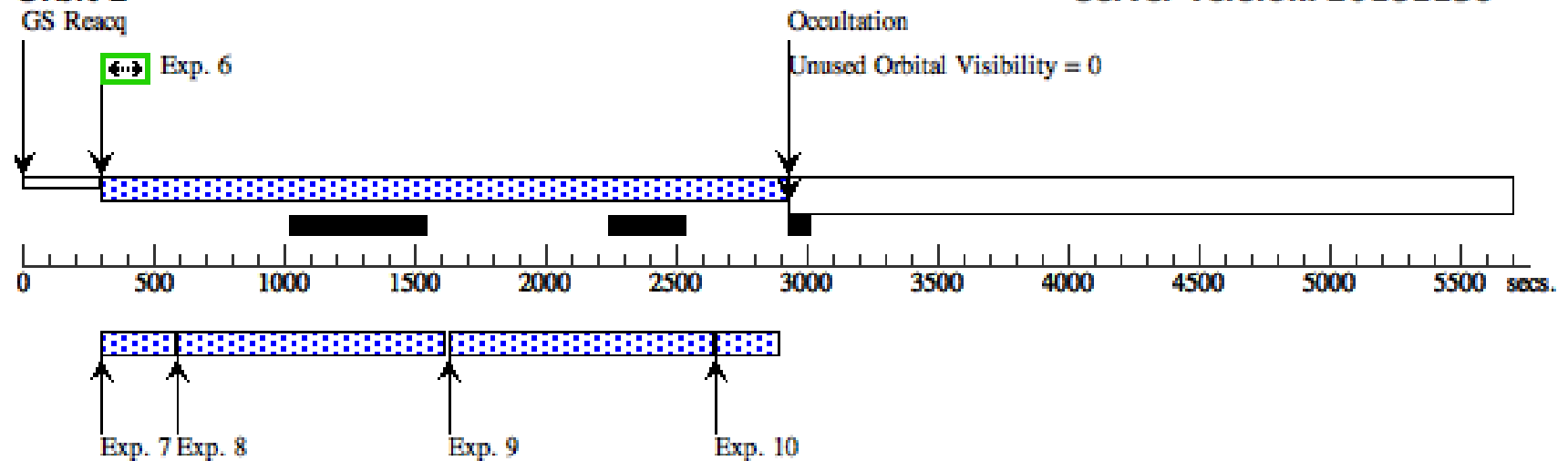
Orbit 1

Server Version: 20181130



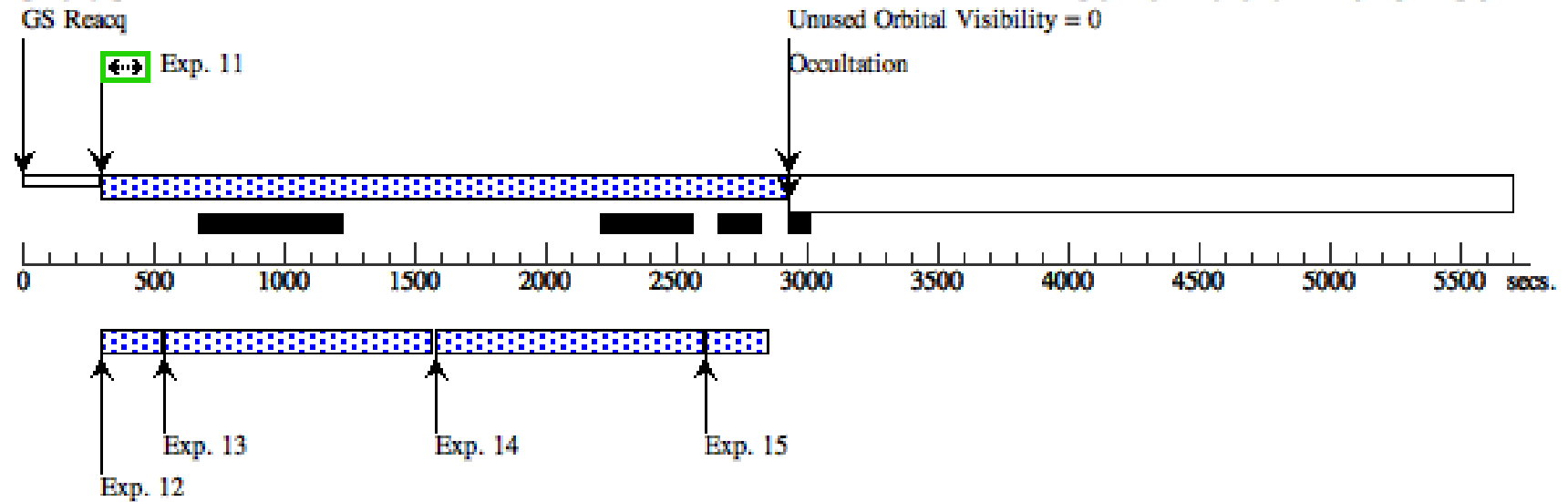
Orbit 2

Server Version: 20181130



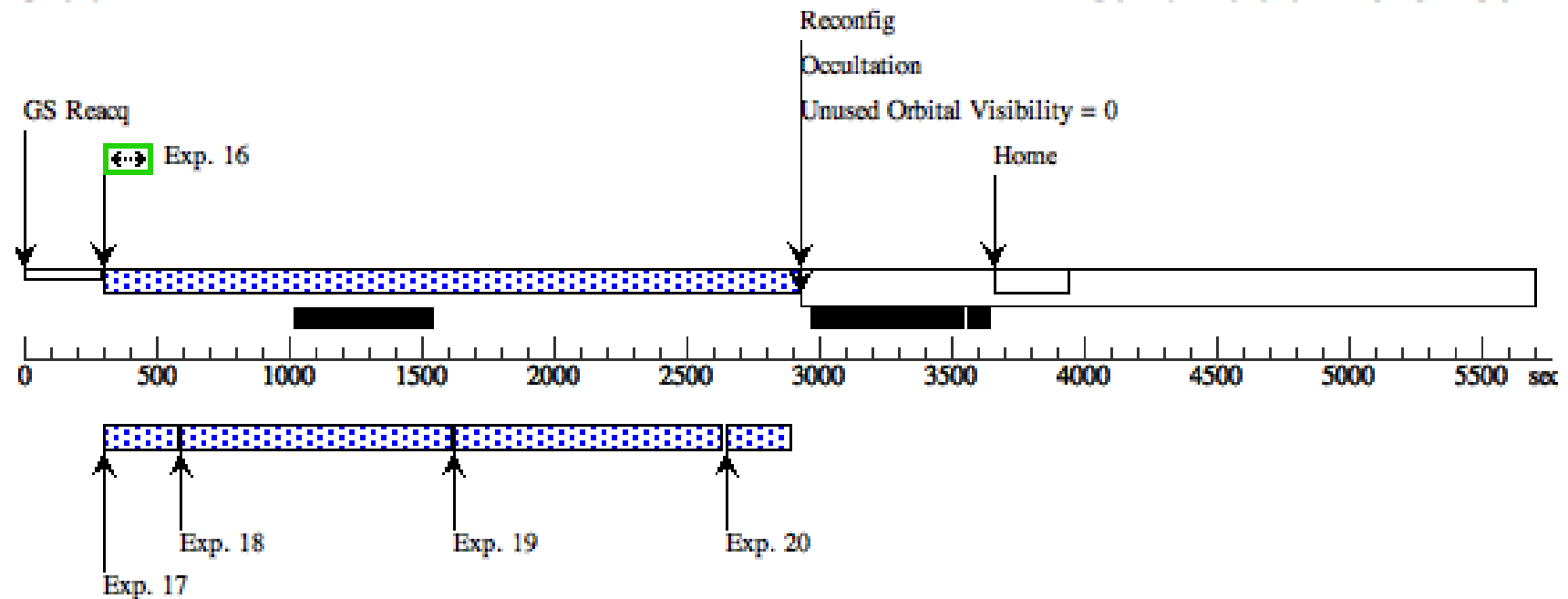
Orbit 3

Server Version: 20181130



Orbit 4

Server Version: 20181130



Proposal 15163 - J0333-4102(56) - 4 orbits - G130M - BaseOrient (H1) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J0333-4102(56) - 4 orbits - G130M - BaseOrient (H1), completed				Tue Feb 26 23:04:21 GMT 2019	
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%					
	<i>Comments: This target has 11 orbits. This visit contains 5 G130M orbits+ 6 G160M 2 orbits C1223 + 3 orbits C1291 2 orbits C1577 + 1 orbits C1589 + 1 orbits C1611 + 2 orbits C1623 H1 : 4G130M TAC1291F3 + C1291F4 + C1223F12 + C1223F34 H2 : 3G160M TAC1623F2 + C1623F4 + C1577F2 + G1577F4 H3 : 2G160M+G130M TAC1589F24 + C611F24+ C1291F34</i>					
Diagnostics	(J0333-4102(56) - 4 orbits - G130M - BaseOrient (H1)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.					
	(J0333-4102(56) - 4 orbits - G130M - BaseOrient (H1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0333-4102(56) - 4 orbits - G130M - BaseOrient (H1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0333-4102(56) - 4 orbits - G130M - BaseOrient (H1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0333-4102(56) - 4 orbits - G130M - BaseOrient (H1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(8)	J033307.00-410202.0	RA: 03 33 7.0760 (53.2794833d) Dec: -41 02 1.15 (-41.03365d) Equinox: J2000	Redshift: 1.124	V=15.8 fuv=17.60 nuv=16.33	Reference Frame: ICRS
Fixed Targets	<i>Comments:</i>					
	<i>Category=EXT-MEDIUM</i>					
	<i>Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM]</i>					
Fixed Targets	<i>Extended=NO</i>					

Proposal 15163 - J0333-4102(56) - 4 orbits - G130M - BaseOrient (H1) - COS Ultraviolet Baryon Survey (CUBS)

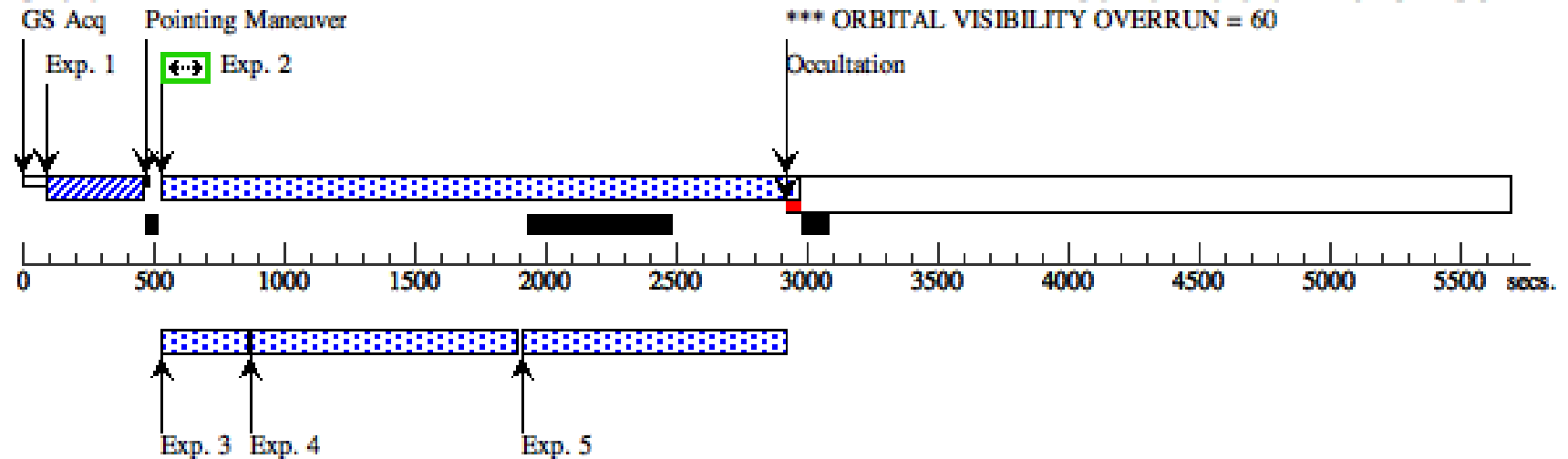
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9405)	(8) J033307.00-4102 02.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				36 Secs (36 Secs) [==>]	[1]
	2	C1291/FP3 (COS.sp.101 2122)	(8) J033307.00-4102 02.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=25 00		Prime + Parallel Gro up 2-5 in J0333-4102 (56) - 4 orbits - G130 M - BaseOrient (H1)	2272 Secs (2272 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J0333-4102 (56) - 4 orbits - G130 M - BaseOrient (H1)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0333-4102 (56) - 4 orbits - G130 M - BaseOrient (H1)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0333-4102 (56) - 4 orbits - G130 M - BaseOrient (H1)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1291/FP4 (COS.sp.101 2122)	(8) J033307.00-4102 02.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=13 96		Prime + Parallel Gro up 6-10 in J0333-410 2(56) - 4 orbits - G13 0M - BaseOrient (H1)	2698 Secs (2698 Secs) [==>]	[2]
	7	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0333-410 2(56) - 4 orbits - G13 0M - BaseOrient (H1)	302.938471 Secs (302.938 Secs) [==>]	[2]
	8	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0333-410 2(56) - 4 orbits - G13 0M - BaseOrient (H1)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	9	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0333-410 2(56) - 4 orbits - G13 0M - BaseOrient (H1)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	10	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0333-410 2(56) - 4 orbits - G13 0M - BaseOrient (H1)	302.938471 Secs (302.938 Secs) [==>]	[2]
	11	C1222/FP1 (COS.sp.101 3000)	(8) J033307.00-4102 02.0	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=1; BUFFER-TIME=11 50		Prime + Parallel Gro up 11-13 in J0333-41 02(56) - 4 orbits - G1 30M - BaseOrient (H 1)	1250 Secs (1250 Secs) [==>]	[3]
	12	F110-10-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=10; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 11-13 in J0333-41 02(56) - 4 orbits - G1 30M - BaseOrient (H 1)	227.936926 Secs (227.937 Secs) [==>]	[3]

Proposal 15163 - J0333-4102(56) - 4 orbits - G130M - BaseOrient (H1) - COS Ultraviolet Baryon Survey (CUBS)

13	G102-12-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=12; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 11-13 in J0333-41 02(56) - 4 orbits - G1 30M - BaseOrient (H 1)	1102.935844 Secs (1102.936 Secs) [==>]	[3]
14	C1222/FP2 (COS.sp.101 02.0 3000)	(8) J033307.00-4102	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=2; BUFFER-TIME=20 00	Prime + Parallel Gro up 14-16 in J0333-41 02(56) - 4 orbits - G1 30M - BaseOrient (H 1)	1246 Secs (1246 Secs) [==>]	[3]
15	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 14-16 in J0333-41 02(56) - 4 orbits - G1 30M - BaseOrient (H 1)	302.938471 Secs (302.938 Secs) [==>]	[3]
16	G141-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 14-16 in J0333-41 02(56) - 4 orbits - G1 30M - BaseOrient (H 1)	902.935198 Secs (902.935 Secs) [==>]	[3]
17	C1222/FP3 (COS.sp.101 02.0 3000)	(8) J033307.00-4102	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=3; BUFFER-TIME=12 00	Prime + Parallel Gro up 17-19 in J0333-41 02(56) - 4 orbits - G1 30M - BaseOrient (H 1)	1300 Secs (1300 Secs) [==>]	[4]
18	F160-15-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=15; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 17-19 in J0333-41 02(56) - 4 orbits - G1 30M - BaseOrient (H 1)	352.939501 Secs (352.94 Secs) [==>]	[4]
19	G141-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 17-19 in J0333-41 02(56) - 4 orbits - G1 30M - BaseOrient (H 1)	902.935198 Secs (902.935 Secs) [==>]	[4]
20	C1222/FP4 (COS.sp.101 02.0 3000)	(8) J033307.00-4102	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=4; BUFFER-TIME=20 00	Prime + Parallel Gro up 20-22 in J0333-41 02(56) - 4 orbits - G1 30M - BaseOrient (H 1)	1293 Secs (1293 Secs) [==>]	[4]
21	G141-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 20-22 in J0333-41 02(56) - 4 orbits - G1 30M - BaseOrient (H 1)	902.935198 Secs (902.935 Secs) [==>]	[4]
22	F160-15-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=15; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 20-22 in J0333-41 02(56) - 4 orbits - G1 30M - BaseOrient (H 1)	352.939501 Secs (352.94 Secs) [==>]	[4]

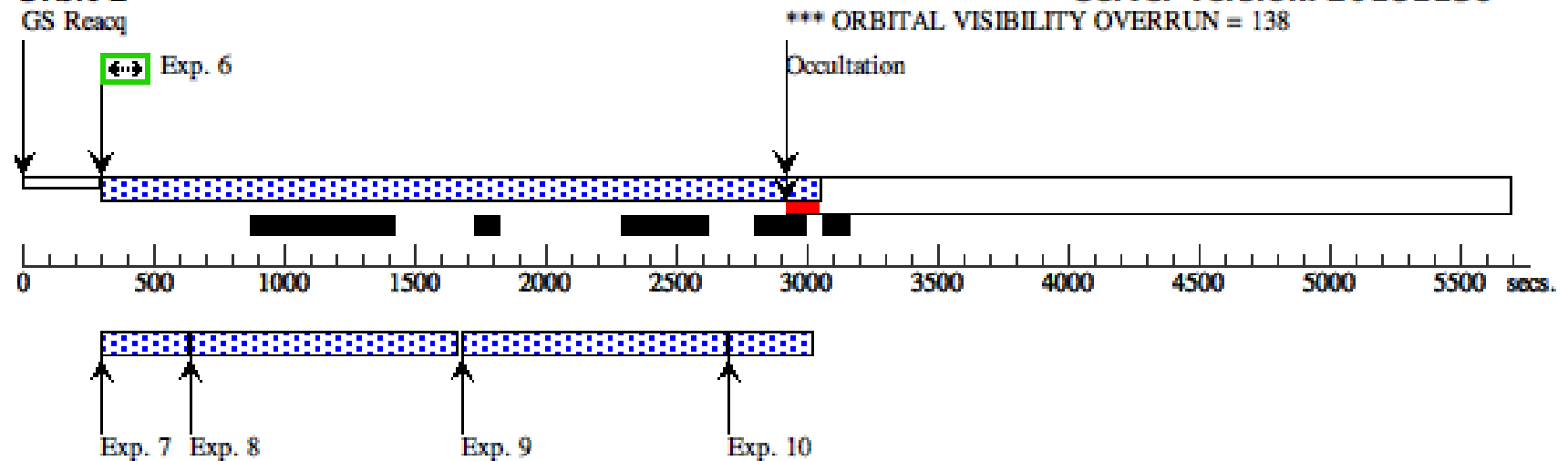
Orbit 1

Server Version: 20181130



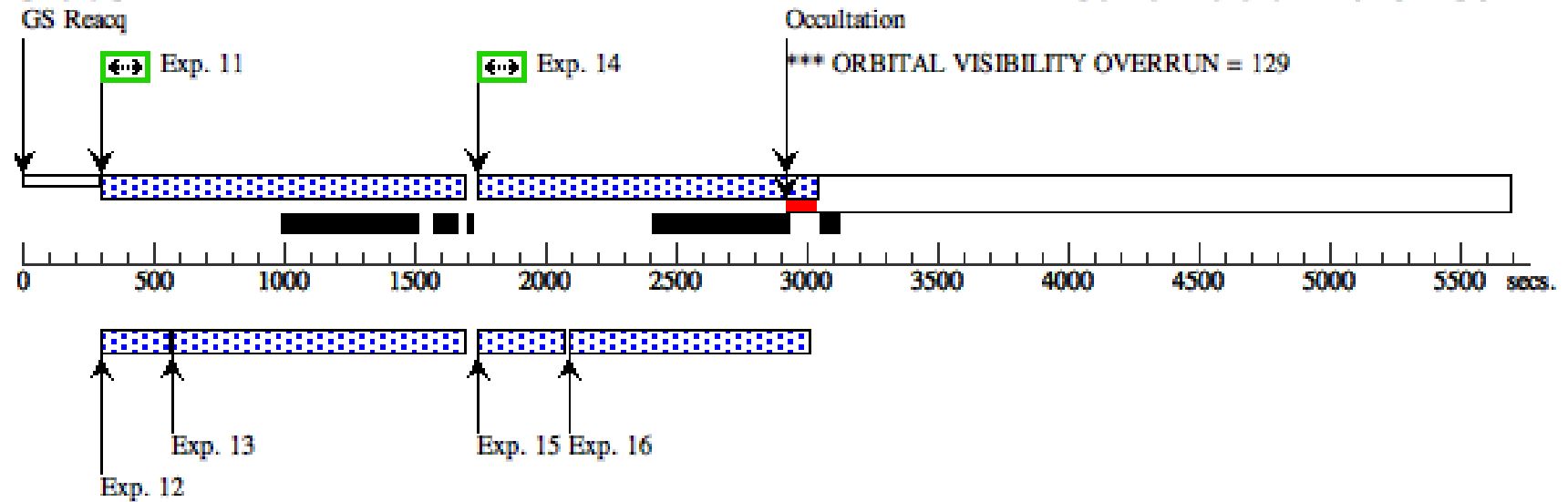
Orbit 2

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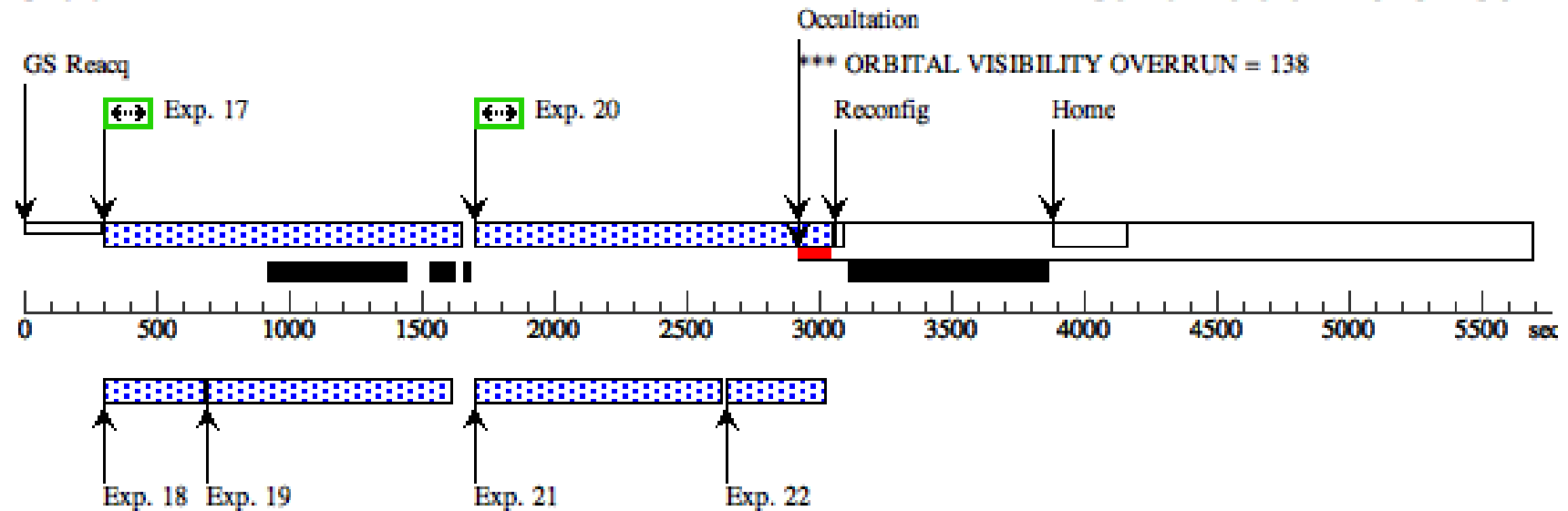
Orbit 3

Server Version: 20181130



Orbit 4

Server Version: 20181130



Proposal 15163 - J0333-4102(56) - 4 orbits - G160M (H2) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J0333-4102(56) - 4 orbits - G160M (H2), scheduling Tue Feb 26 23:04:21 GMT 2019					
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV Special Requirements: SCHED 100% <i>Comments: see comment in H1</i>					
Diagnostics	(J0333-4102(56) - 4 orbits - G160M (H2)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.					
	(J0333-4102(56) - 4 orbits - G160M (H2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0333-4102(56) - 4 orbits - G160M (H2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0333-4102(56) - 4 orbits - G160M (H2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0333-4102(56) - 4 orbits - G160M (H2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(8)	J033307.00-410202.0	RA: 03 33 7.0760 (53.2794833d)	Redshift: 1.124	V=15.8	Reference Frame: ICRS
			Dec: -41 02 1.15 (-41.03365d)		fuv=17.60 nuv=16.33	
			Equinox: J2000			
	<i>Comments:</i> Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO					

Proposal 15163 - J0333-4102(56) - 4 orbits - G160M (H2) - COS Ultraviolet Baryon Survey (CUBS)

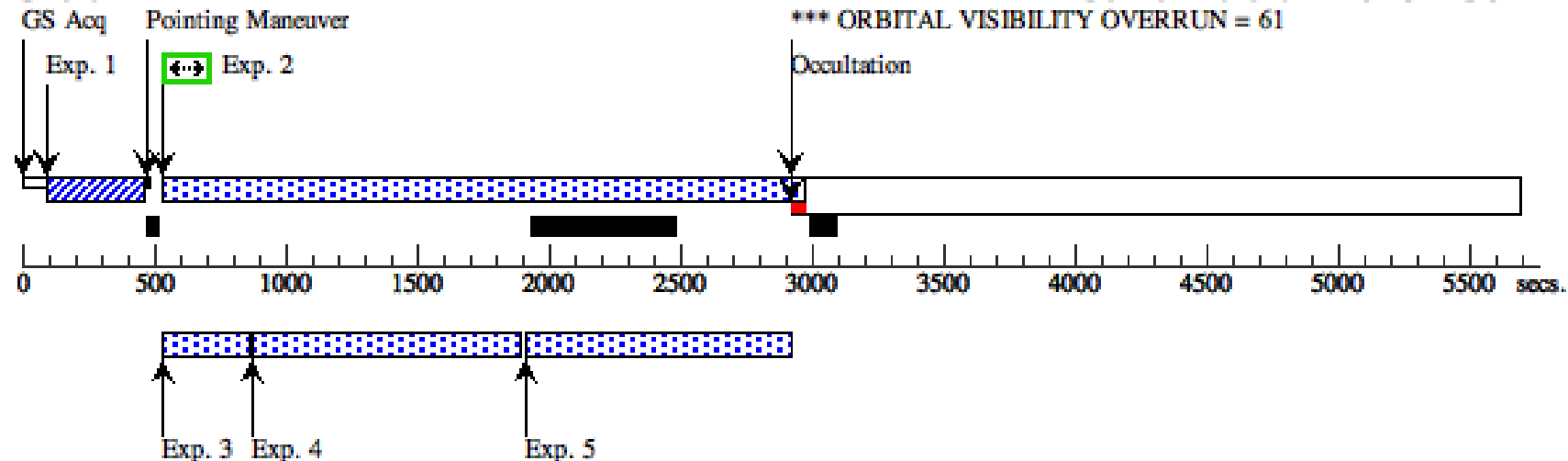
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9405)	(8) J033307.00-4102 02.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				36 Secs (36 Secs) [==>]	[1]
	2	C1611/FP2 (COS.sp.101 2135)	(8) J033307.00-4102 02.0	COS/FUV, TIME-TAG, PSA	G160M 1611 A	FP-POS=2; BUFFER-TIME=25 00		Prime + Parallel Gro up 2-5 in J0333-4102 (56) - 4 orbits - G160 M (H2)	2223 Secs (2223 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J0333-4102 (56) - 4 orbits - G160 M (H2)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0333-4102 (56) - 4 orbits - G160 M (H2)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0333-4102 (56) - 4 orbits - G160 M (H2)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1611/FP4 (COS.sp.101 2135)	(8) J033307.00-4102 02.0	COS/FUV, TIME-TAG, PSA	G160M 1611 A	FP-POS=4; BUFFER-TIME=25 00		Prime + Parallel Gro up 6-10 in J0333-410 2(56) - 4 orbits - G16 0M (H2)	2698 Secs (2698 Secs) [==>]	[2]
	7	F110-9-S25	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=9; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0333-410 2(56) - 4 orbits - G16 0M (H2)	202.936411 Secs (202.936 Secs) [==>]	[2]
	8	G102-12-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=12; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0333-410 2(56) - 4 orbits - G16 0M (H2)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	9	G102-12-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=12; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0333-410 2(56) - 4 orbits - G16 0M (H2)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	10	F110-10-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=10; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0333-410 2(56) - 4 orbits - G16 0M (H2)	227.936926 Secs (227.937 Secs) [==>]	[2]
	11	C1577/FP2 (COS.sp.101 2137)	(8) J033307.00-4102 02.0	COS/FUV, TIME-TAG, PSA	G160M 1577 A	FP-POS=2; BUFFER-TIME=25 00		Prime + Parallel Gro up 11-15 in J0333-41 02(56) - 4 orbits - G1 60M (H2)	2619 Secs (2619 Secs) [==>]	[3]
	12	F110-9-S25	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=9; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 11-15 in J0333-41 02(56) - 4 orbits - G1 60M (H2)	202.936411 Secs (202.936 Secs) [==>]	[3]
	13	G102-12-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=12; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-15 in J0333-41 02(56) - 4 orbits - G1 60M (H2)	1102.935844 Secs (1102.936 Secs) [==>]	[3]
	14	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-15 in J0333-41 02(56) - 4 orbits - G1 60M (H2)	1002.935521 Secs (1002.936 Secs) [==>]	[3]

Proposal 15163 - J0333-4102(56) - 4 orbits - G160M (H2) - COS Ultraviolet Baryon Survey (CUBS)

	15	F160-12-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 11-15 in J0333-41 02(56) - 4 orbits - G1 60M (H2)	277.937956 Secs (277.938 Secs)	
								[==>]	[3]
	16	C1577/FP4 (COS.sp.101 02.0 2137)	(8) J033307.00-4102	COS/FUV, TIME-TAG, PSA	G160M 1577 A	FP-POS=4; BUFFER-TIME=25 00	Prime + Parallel Gro up 16-20 in J0333-41 02(56) - 4 orbits - G1 60M (H2)	2698 Secs (2698 Secs)	
								[==>]	[4]
	17	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 16-20 in J0333-41 02(56) - 4 orbits - G1 60M (H2)	302.938471 Secs (302.938 Secs)	
								[==>]	[4]
	18	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 16-20 in J0333-41 02(56) - 4 orbits - G1 60M (H2)	1002.935521 Secs (1002.936 Secs)	
								[==>]	[4]
	19	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 16-20 in J0333-41 02(56) - 4 orbits - G1 60M (H2)	1002.935521 Secs (1002.936 Secs)	
								[==>]	[4]
	20	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 16-20 in J0333-41 02(56) - 4 orbits - G1 60M (H2)	302.938471 Secs (302.938 Secs)	
								[==>]	[4]

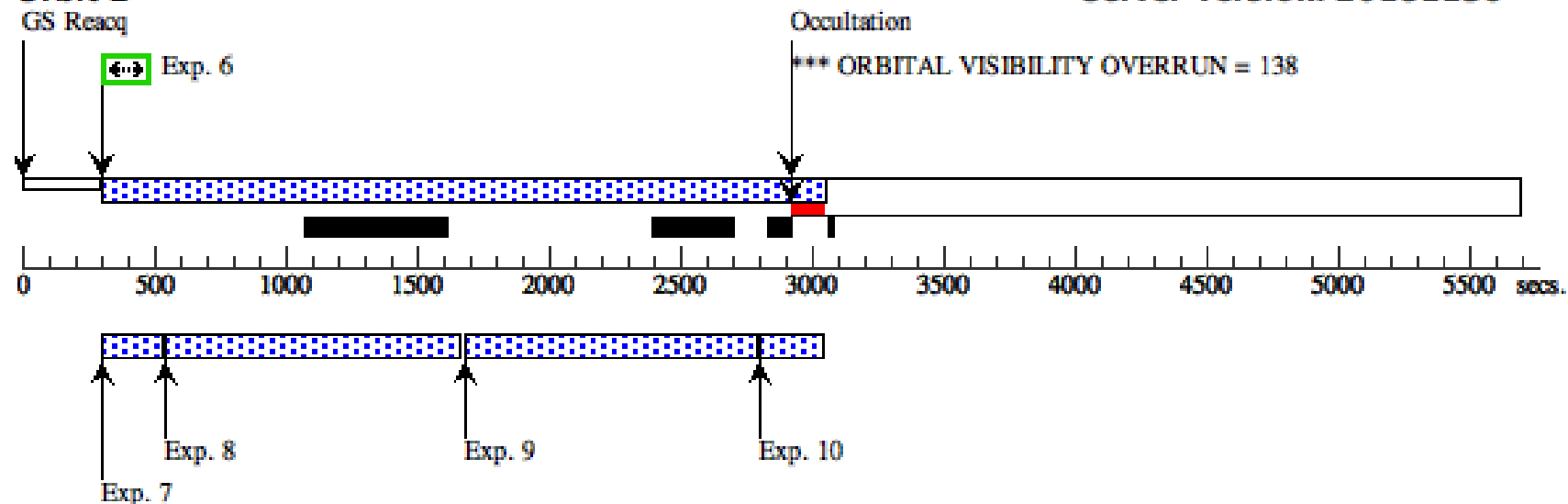
Orbit 1

Server Version: 20181130



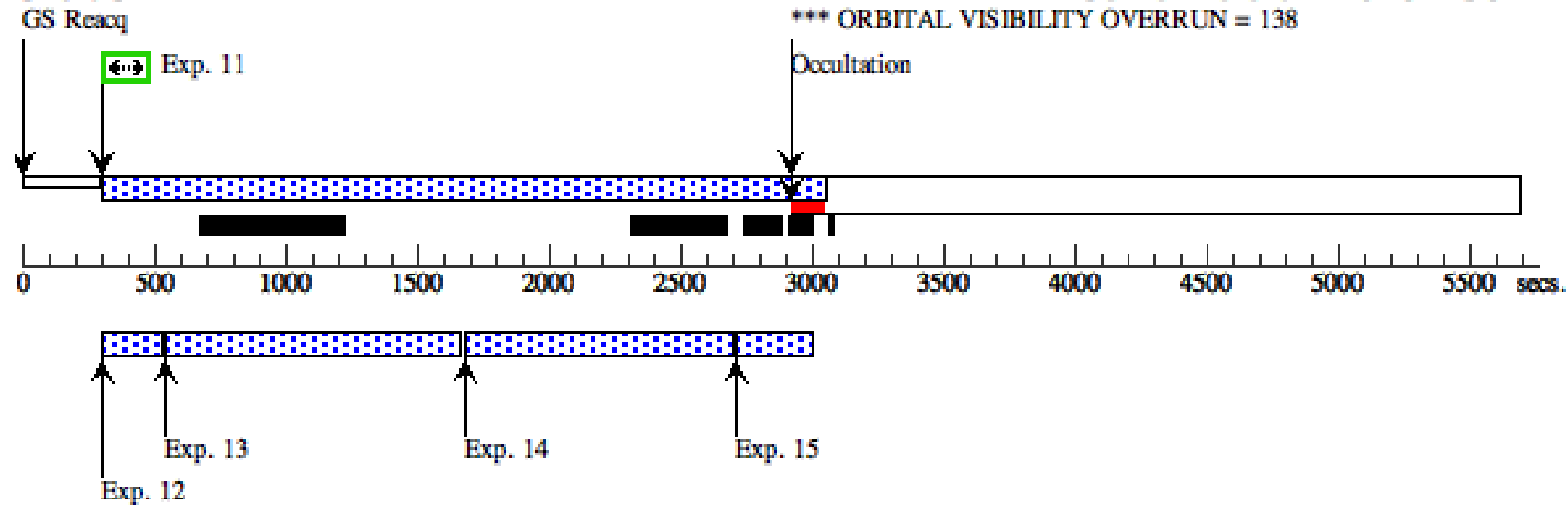
Orbit 2

Server Version: 20181130



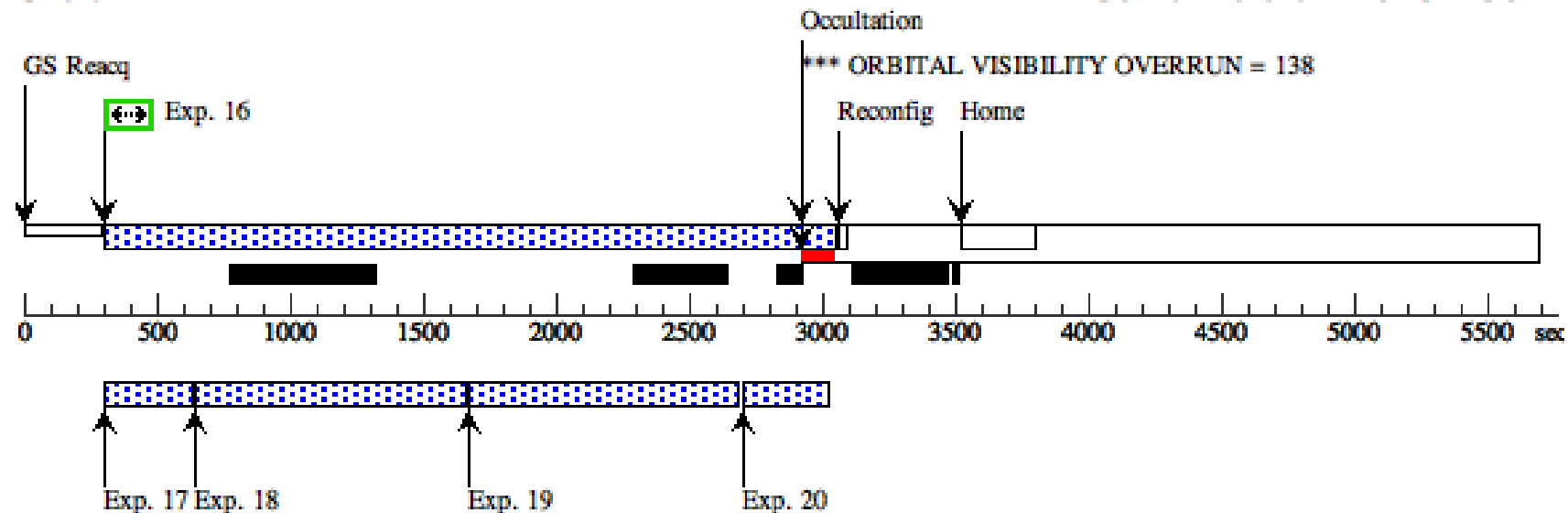
Orbit 3

Server Version: 20181130



Orbit 4

Server Version: 20181130



Proposal 15163 - J0333-4102(56) - 3 orbits - 2G160M+G130M (H3) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J0333-4102(56) - 3 orbits - 2G160M+G130M (H3), scheduling Tue Feb 26 23:04:21 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV Special Requirements: SCHED 100% <i>Comments: see comment in H1</i>				
Diagnostics	(J0333-4102(56) - 3 orbits - 2G160M+G130M (H3)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (J0333-4102(56) - 3 orbits - 2G160M+G130M (H3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J0333-4102(56) - 3 orbits - 2G160M+G130M (H3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J0333-4102(56) - 3 orbits - 2G160M+G130M (H3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(8)	J033307.00-410202.0	RA: 03 33 7.0760 (53.2794833d) Dec: -41 02 1.15 (-41.03365d) Equinox: J2000	Redshift: 1.124 	V=15.8 fuv=17.60 nuv=16.33
Fixed Targets	Miscellaneous Reference Frame: ICRS				
	<i>Comments:</i> Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO				

Proposal 15163 - J0333-4102(56) - 3 orbits - 2G160M+G130M (H3) - COS Ultraviolet Baryon Survey (CUBS)

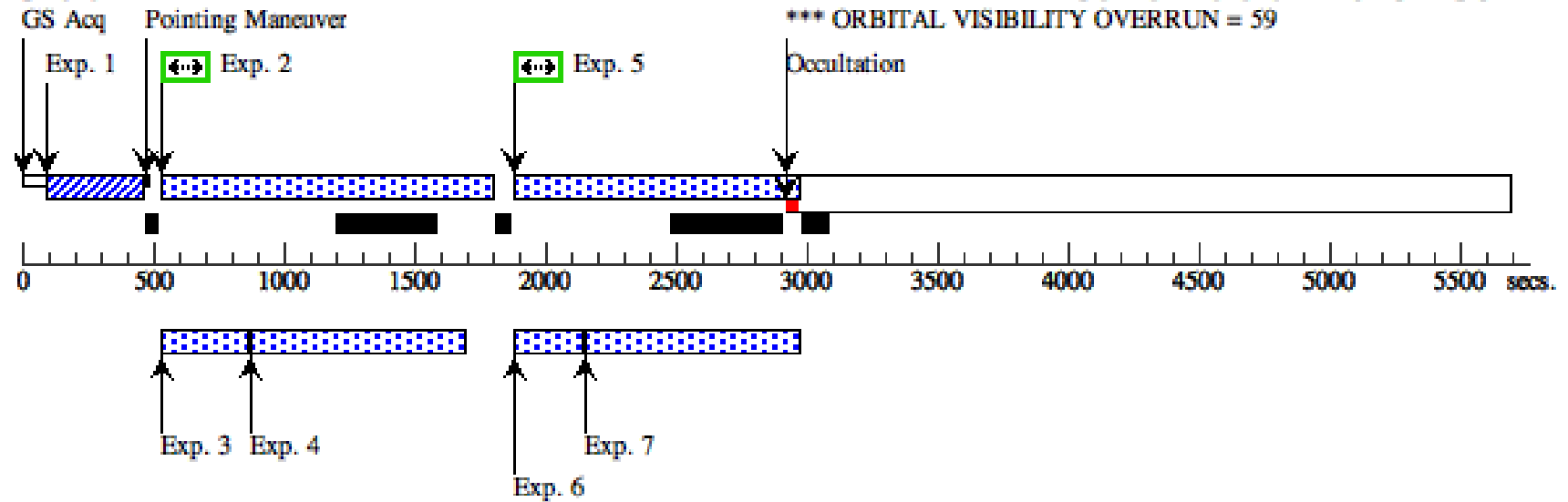
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9405)	(8) J033307.00-4102 02.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				36 Secs (36 Secs) [==>]	[1]
	2	C1589/FP2 (COS.sp.101 2137)	(8) J033307.00-4102 02.0	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=2; BUFFER-TIME=25 00		Prime + Parallel Gro up 2-4 in J0333-4102 (56) - 3 orbits - 2G16 0M+G130M (H3)	1057 Secs (1057 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-4 in J0333-4102 (56) - 3 orbits - 2G16 0M+G130M (H3)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-9-S10 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=9; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-4 in J0333-4102 (56) - 3 orbits - 2G16 0M+G130M (H3)	802.934875 Secs (802.935 Secs) [==>]	[1]
	5	C1589/FP4 (COS.sp.101 2135)	(8) J033307.00-4102 02.0	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=4; BUFFER-TIME=11 46		Prime + Parallel Gro up 5-7 in J0333-4102 (56) - 3 orbits - 2G16 0M+G130M (H3)	1037 Secs (1037 Secs) [==>]	[1]
	6	F110-10-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=10; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 5-7 in J0333-4102 (56) - 3 orbits - 2G16 0M+G130M (H3)	227.936926 Secs (227.937 Secs) [==>]	[1]
	7	G102-9-S10 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=9; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 5-7 in J0333-4102 (56) - 3 orbits - 2G16 0M+G130M (H3)	802.934875 Secs (802.935 Secs) [==>]	[1]
	8	C1623/FP2 (COS.sp.101 2135)	(8) J033307.00-4102 02.0	COS/FUV, TIME-TAG, PSA	G160M 1623 A	FP-POS=2; BUFFER-TIME=11 68		Prime + Parallel Gro up 8-10 in J0333-410 2(56) - 3 orbits - 2G1 60M+G130M (H3)	1268 Secs (1268 Secs) [==>]	[2]
	9	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 8-10 in J0333-410 2(56) - 3 orbits - 2G1 60M+G130M (H3)	302.938471 Secs (302.938 Secs) [==>]	[2]
	10	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 8-10 in J0333-410 2(56) - 3 orbits - 2G1 60M+G130M (H3)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	11	C1623/FP4 (COS.sp.101 2135)	(8) J033307.00-4102 02.0	COS/FUV, TIME-TAG, PSA	G160M 1623 A	FP-POS=4; BUFFER-TIME=25 00		Prime + Parallel Gro up 11-13 in J0333-41 02(56) - 3 orbits - 2G 160M+G130M (H3)	1248 Secs (1248 Secs) [==>]	[2]
	12	F160-14-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=14; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 11-13 in J0333-41 02(56) - 3 orbits - 2G 160M+G130M (H3)	327.938986 Secs (327.939 Secs) [==>]	[2]
	13	G141-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-13 in J0333-41 02(56) - 3 orbits - 2G 160M+G130M (H3)	902.935198 Secs (902.935 Secs) [==>]	[2]
	14	C1291/FP3 (COS.sp.101 2122)	(8) J033307.00-4102 02.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=11 23		Prime + Parallel Gro up 14-16 in J0333-41 02(56) - 3 orbits - 2G 160M+G130M (H3)	1223 Secs (1223 Secs) [==>]	[3]

Proposal 15163 - J0333-4102(56) - 3 orbits - 2G160M+G130M (H3) - COS Ultraviolet Baryon Survey (CUBS)

	15	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 14-16 in J0333-41 02(56) - 3 orbits - 2G 160M+G130M (H3)	252.937441 Secs (252.937 Secs)	
								[==>]	[3]
	16	G102-12-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 14-16 in J0333-41 02(56) - 3 orbits - 2G 160M+G130M (H3)	1002.935521 Secs (1002.936 Secs)	
								[==>]	[3]
	17	C1291/FP4 (8) J033307.00-4102 (COS.sp.101 02.0 2122)		COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=20 00	Prime + Parallel Gro up 17-19 in J0333-41 02(56) - 3 orbits - 2G 160M+G130M (H3)	1250 Secs (1250 Secs)	
								[==>]	[3]
	18	F110-10-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=10; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 17-19 in J0333-41 02(56) - 3 orbits - 2G 160M+G130M (H3)	227.936926 Secs (227.937 Secs)	
								[==>]	[3]
	19	G102-12-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 17-19 in J0333-41 02(56) - 3 orbits - 2G 160M+G130M (H3)	1002.935521 Secs (1002.936 Secs)	
								[==>]	[3]

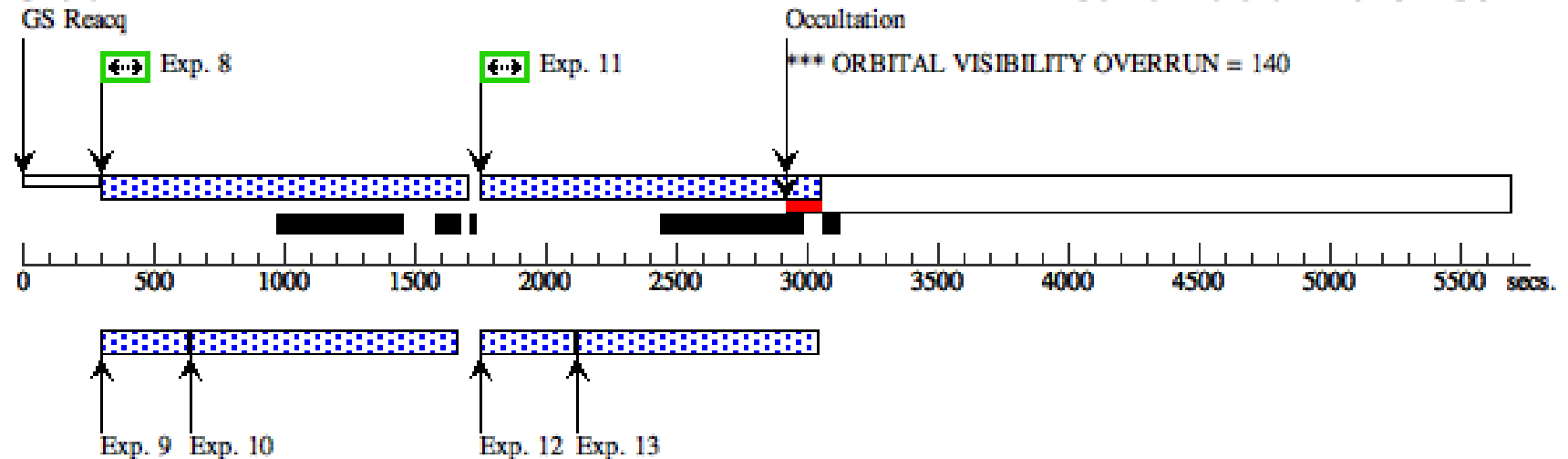
Orbit 1

Server Version: 20181130



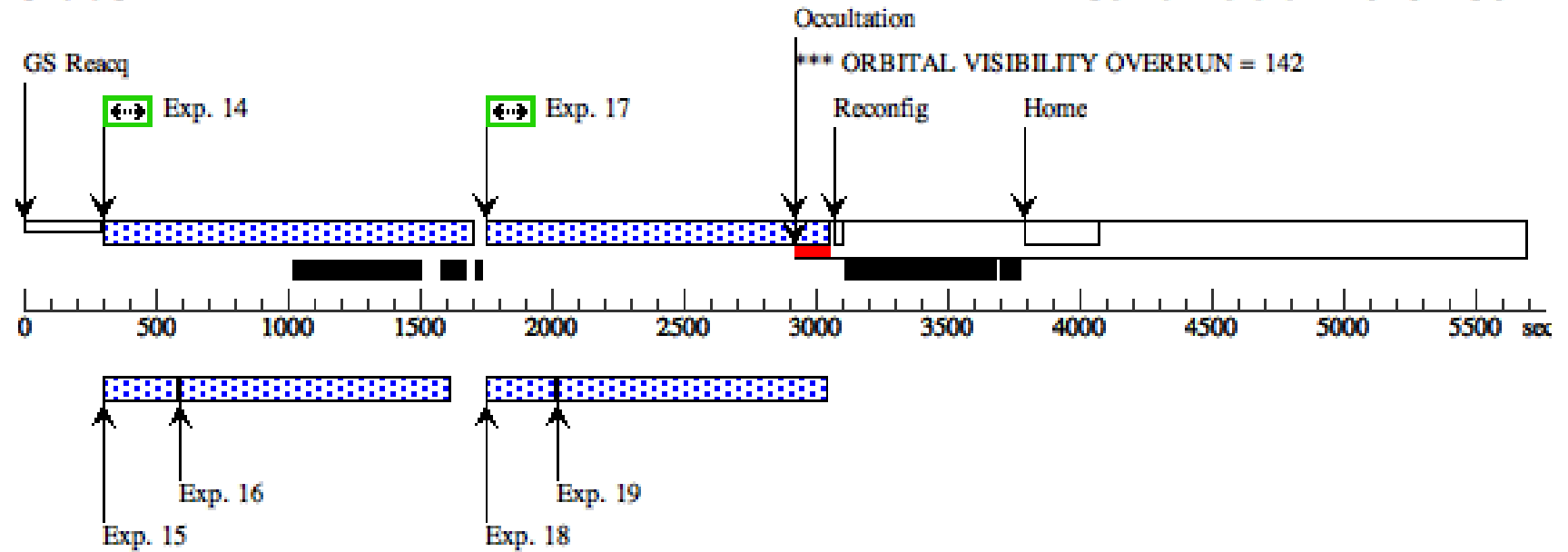
Orbit 2

Server Version: 20181130



Orbit 3

Server Version: 20181130



Proposal 15163 - J0154-071(36) - 4 orbits - G130M - BaseOrient (F1) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J0154-071(36) - 4 orbits - G130M - BaseOrient (F1), completed				Tue Feb 26 23:04:22 GMT 2019
	Diagnostic Status: Warning				
	Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV				
	Special Requirements: SCHED 100%				
	<i>Comments: This target has 10 orbits. This visit contains 4 G130M orbits+ 6 G160M 1.5 orbits C1223 + 2.5 orbits C1291 2 orbits C1577 + 1 orbits C1589 + 1 orbits C1611 + 2 orbits C1623 F1 : 4G130M TAC1291F3 + C1291F4 + C1223F1234 + C1291F34 F2 : 3G160M TAC1611F2 + C1611F4/C1623F2+ C1623F4 F3 : 3G160M TAC1589F2 + C1589F4/C1577F2 + G1577F4</i>				
Diagnostics	(J0154-071(36) - 4 orbits - G130M - BaseOrient (F1)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.				
	(J0154-071(36) - 4 orbits - G130M - BaseOrient (F1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(J0154-071(36) - 4 orbits - G130M - BaseOrient (F1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(J0154-071(36) - 4 orbits - G130M - BaseOrient (F1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(J0154-071(36) - 4 orbits - G130M - BaseOrient (F1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(6)	J015454.68-071222.2	RA: 01 54 54.6800 (28.7278333d)	Redshift: 1.289	V=15.8
			Dec: -07 12 22.17 (-7.20616d)		fuv=17.07 nuv=16.40
			Equinox: J2000		
		<i>Comments: Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO</i>			
	Miscellaneous				
	Reference Frame: ICRS				

Proposal 15163 - J0154-071(36) - 4 orbits - G130M - BaseOrient (F1) - COS Ultraviolet Baryon Survey (CUBS)

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9403)	(6) J015454.68-0712 22.2	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				34 Secs (34 Secs) [==>]	[1]
	2	C1291/FP3 (COS.sp.101 2122)	(6) J015454.68-0712 22.2	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=25 00		Prime + Parallel Gro up 2-5 in J0154-071(36) - 4 orbits - G130 M - BaseOrient (F1)	2271 Secs (2271 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J0154-071(36) - 4 orbits - G130 M - BaseOrient (F1)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0154-071(36) - 4 orbits - G130 M - BaseOrient (F1)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0154-071(36) - 4 orbits - G130 M - BaseOrient (F1)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1291/FP4 (COS.sp.101 2122)	(6) J015454.68-0712 22.2	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=13 30		Prime + Parallel Gro up 6-8 in J0154-071(36) - 4 orbits - G130 M - BaseOrient (F1)	1422 Secs (1422 Secs) [==>]	[2]
	7	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-8 in J0154-071(36) - 4 orbits - G130 M - BaseOrient (F1)	302.938471 Secs (302.938 Secs) [==>]	[2]
	8	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-8 in J0154-071(36) - 4 orbits - G130 M - BaseOrient (F1)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	9	C1222/FP1 (COS.sp.101 3000)	(6) J015454.68-0712 22.2	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=1; BUFFER-TIME=70 0		Prime + Parallel Gro up 9-11 in J0154-071 (36) - 4 orbits - G130 M - BaseOrient (F1)	1069 Secs (1069 Secs) [==>]	[2]
	10	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 9-11 in J0154-071 (36) - 4 orbits - G130 M - BaseOrient (F1)	252.937441 Secs (252.937 Secs) [==>]	[2]
	11	G102-9-S10 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=9; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 9-11 in J0154-071 (36) - 4 orbits - G130 M - BaseOrient (F1)	802.934875 Secs (802.935 Secs) [==>]	[2]
	12	C1222/FP2 (COS.sp.101 3000)	(6) J015454.68-0712 22.2	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=2; BUFFER-TIME=72 3		Prime + Parallel Gro up 12-14 in J0154-07 1(36) - 4 orbits - G13 0M - BaseOrient (F1)	820 Secs (820 Secs) [==>]	[3]
	13	F160-9-S25	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=9; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 12-14 in J0154-07 1(36) - 4 orbits - G13 0M - BaseOrient (F1)	202.936411 Secs (202.936 Secs) [==>]	[3]

Proposal 15163 - J0154-071(36) - 4 orbits - G130M - BaseOrient (F1) - COS Ultraviolet Baryon Survey (CUBS)

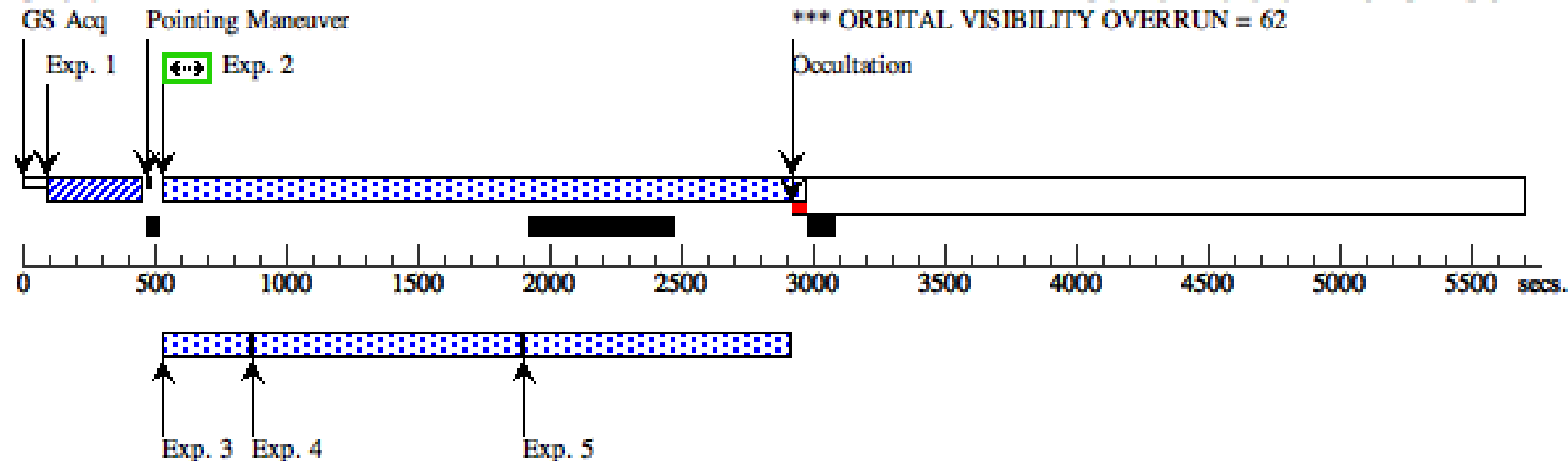
14	G141-13-S5 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S50	Prime + Parallel Gro up 12-14 in J0154-07 1(36) - 4 orbits - G13 0M - BaseOrient (F1)	602.937703 Secs (602.938 Secs) [==>]	[3]
15	C1222/FP3 (COS.sp.101 3000)	(6) J015454.68-0712 22.2	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=3; BUFFER-TIME=72 3	Prime + Parallel Gro up 15-17 in J0154-07 1(36) - 4 orbits - G13 0M - BaseOrient (F1)	823 Secs (823 Secs) [==>]	[3]
16	F160-9-S25	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=9; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 15-17 in J0154-07 1(36) - 4 orbits - G13 0M - BaseOrient (F1)	202.936411 Secs (202.936 Secs) [==>]	[3]
17	G141-13-S5 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S50	Prime + Parallel Gro up 15-17 in J0154-07 1(36) - 4 orbits - G13 0M - BaseOrient (F1)	602.937703 Secs (602.938 Secs) [==>]	[3]
18	C1222/FP4 (COS.sp.101 3000)	(6) J015454.68-0712 22.2	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=4; BUFFER-TIME=20 00	Prime + Parallel Gro up 18-20 in J0154-07 1(36) - 4 orbits - G13 0M - BaseOrient (F1)	820 Secs (820 Secs) [==>]	[3]
19	F160-9-S25	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=9; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 18-20 in J0154-07 1(36) - 4 orbits - G13 0M - BaseOrient (F1)	202.936411 Secs (202.936 Secs) [==>]	[3]
20	G141-13-S5 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S50	Prime + Parallel Gro up 18-20 in J0154-07 1(36) - 4 orbits - G13 0M - BaseOrient (F1)	602.937703 Secs (602.938 Secs) [==>]	[3]
21	C1291/FP3 (COS.sp.101 2122)	(6) J015454.68-0712 22.2	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=11 03	Prime + Parallel Gro up 21-23 in J0154-07 1(36) - 4 orbits - G13 0M - BaseOrient (F1)	1213 Secs (1213 Secs) [==>]	[4]
22	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 21-23 in J0154-07 1(36) - 4 orbits - G13 0M - BaseOrient (F1)	252.937441 Secs (252.937 Secs) [==>]	[4]
23	G102-12-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 21-23 in J0154-07 1(36) - 4 orbits - G13 0M - BaseOrient (F1)	1002.935521 Secs (1002.936 Secs) [==>]	[4]
24	C1291/FP4 (COS.sp.101 2122)	(6) J015454.68-0712 22.2	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=20 00	Prime + Parallel Gro up 24-26 in J0154-07 1(36) - 4 orbits - G13 0M - BaseOrient (F1)	1277 Secs (1277 Secs) [==>]	[4]
25	F160-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=11; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 24-26 in J0154-07 1(36) - 4 orbits - G13 0M - BaseOrient (F1)	252.937441 Secs (252.937 Secs) [==>]	[4]

Proposal 15163 - J0154-071(36) - 4 orbits - G130M - BaseOrient (F1) - COS Ultraviolet Baryon Survey (CUBS)

	26	G141-11-S1 ANY 00	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Group 24-26 in J0154-071(36) - 4 orbits - G130M - BaseOrient (F1)	1002.935521 Secs (1002.936 Secs)	
							[==>]	[4]

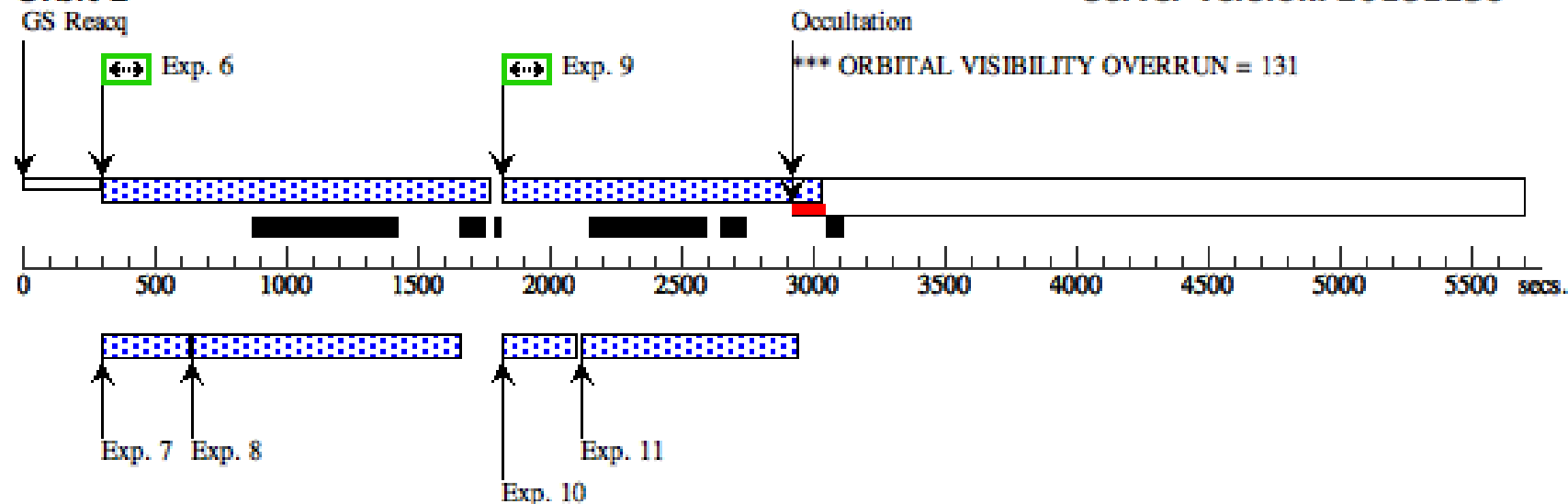
Orbit 1

Server Version: 20181130



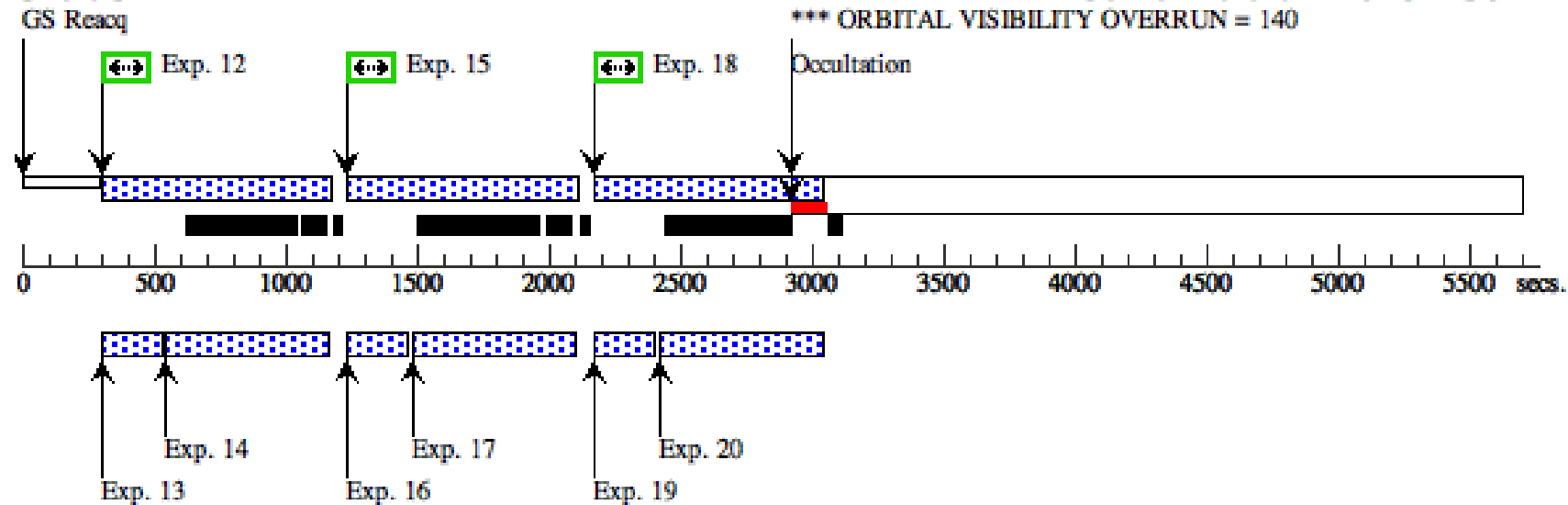
Orbit 2

Server Version: 20181130



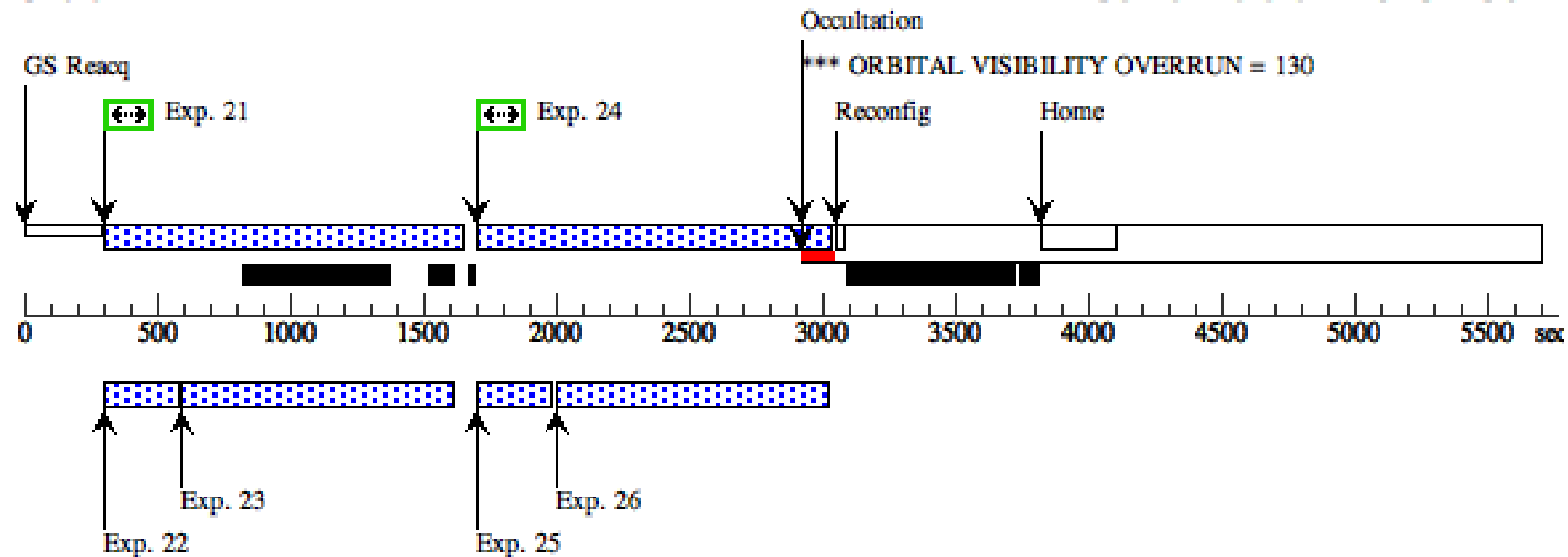
Orbit 3

Server Version: 20181130



Orbit 4

Server Version: 20181130



Proposal 15163 - J0154-071(36) - 3 orbits - G160M (F2) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J0154-071(36) - 3 orbits - G160M (F2), completed					Tue Feb 26 23:04:22 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%					
Comments: See comment in F1						
Diagnostics	(J0154-071(36) - 3 orbits - G160M (F2)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.					
	(J0154-071(36) - 3 orbits - G160M (F2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0154-071(36) - 3 orbits - G160M (F2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0154-071(36) - 3 orbits - G160M (F2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(6)	J015454.68-071222.2	RA: 01 54 54.6800 (28.7278333d) Dec: -07 12 22.17 (-7.20616d) Equinox: J2000	Redshift: 1.289	V=15.8 fuv=17.07 nuv=16.40	Reference Frame: ICRS
	Comments:					
	Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO					

Proposal 15163 - J0154-071(36) - 3 orbits - G160M (F2) - COS Ultraviolet Baryon Survey (CUBS)

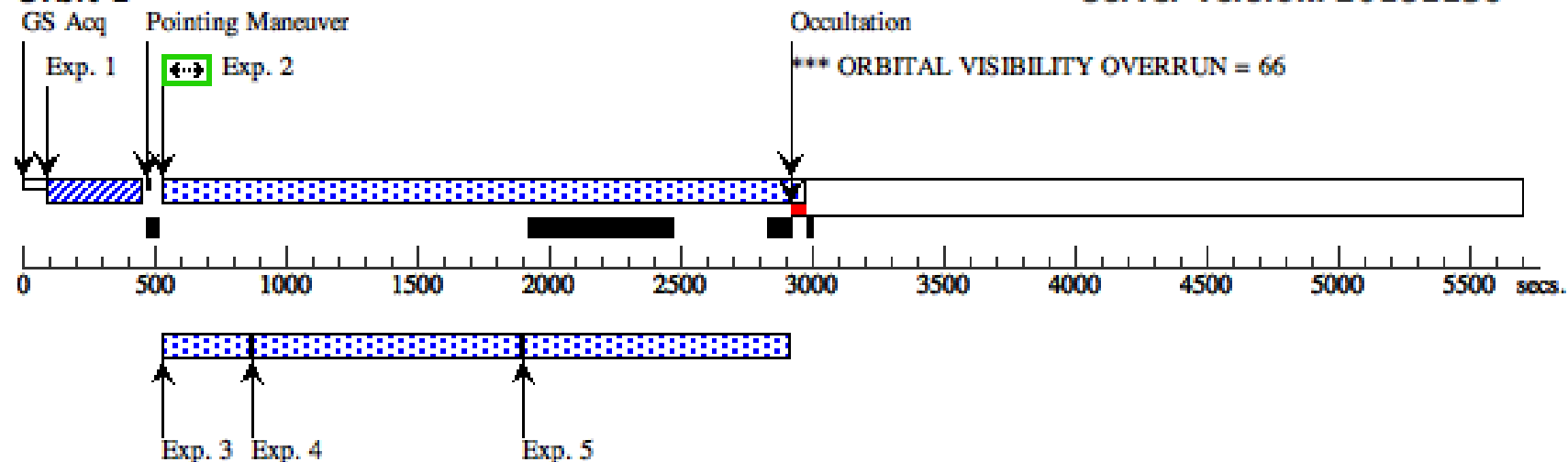
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9403)	(6) J015454.68-0712 22.2	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				34 Secs (34 Secs) [==>]	[1]
	2	C1623/FP2 (COS.sp.101 2135)	(6) J015454.68-0712 22.2	COS/FUV, TIME-TAG, PSA	G160M 1623 A	FP-POS=2; BUFFER-TIME=21 00		Prime + Parallel Gro up 2-5 in J0154-071(36) - 3 orbits - G160 M (F2)	2222 Secs (2222 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J0154-071(36) - 3 orbits - G160 M (F2)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0154-071(36) - 3 orbits - G160 M (F2)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0154-071(36) - 3 orbits - G160 M (F2)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1623/FP4 (COS.sp.101 2135)	(6) J015454.68-0712 22.2	COS/FUV, TIME-TAG, PSA	G160M 1623 A	FP-POS=4; BUFFER-TIME=11 65		Prime + Parallel Gro up 6-8 in J0154-071(36) - 3 orbits - G160 M (F2)	1260 Secs (1260 Secs) [==>]	[2]
	7	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-8 in J0154-071(36) - 3 orbits - G160 M (F2)	252.937441 Secs (252.937 Secs) [==>]	[2]
	8	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-8 in J0154-071(36) - 3 orbits - G160 M (F2)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	9	C1577/FP2 (COS.sp.101 2137)	(6) J015454.68-0712 22.2	COS/FUV, TIME-TAG, PSA	G160M 1577 A	FP-POS=2; BUFFER-TIME=20 00		Prime + Parallel Gro up 9-11 in J0154-071 (36) - 3 orbits - G160 M (F2)	1243 Secs (1243 Secs) [==>]	[2]
	10	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 9-11 in J0154-071 (36) - 3 orbits - G160 M (F2)	252.937441 Secs (252.937 Secs) [==>]	[2]
	11	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 9-11 in J0154-071 (36) - 3 orbits - G160 M (F2)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	12	C1577/FP4 (COS.sp.101 2137)	(6) J015454.68-0712 22.2	COS/FUV, TIME-TAG, PSA	G160M 1577 A	FP-POS=4; BUFFER-TIME=25 00		Prime + Parallel Gro up 12-18 in J0154-07 1(36) - 3 orbits - G16 0M (F2)	2691 Secs (2691 Secs) [==>]	[3]
	13	F160-9-S25 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=9; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 12-18 in J0154-07 1(36) - 3 orbits - G16 0M (F2)	202.936411 Secs (202.936 Secs) [==>]	[3]
	14	G141-14-S5 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=SPAR S50		Prime + Parallel Gro up 12-18 in J0154-07 1(36) - 3 orbits - G16 0M (F2)	652.938154 Secs (652.938 Secs) [==>]	[3]

Proposal 15163 - J0154-071(36) - 3 orbits - G160M (F2) - COS Ultraviolet Baryon Survey (CUBS)

	15	F160-9-S25 ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=9; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 12-18 in J0154-07 1(36) - 3 orbits - G16 0M (F2)	202.936411 Secs (202.936 Secs)	[3]
	16	G141-14-S5 ANY 0	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=SPAR S50	Prime + Parallel Gro up 12-18 in J0154-07 1(36) - 3 orbits - G16 0M (F2)	652.938154 Secs (652.938 Secs)	[3]
	17	F160-9-S25 ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=9; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 12-18 in J0154-07 1(36) - 3 orbits - G16 0M (F2)	202.936411 Secs (202.936 Secs)	[3]
	18	G141-14-S5 ANY 0	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=SPAR S50	Prime + Parallel Gro up 12-18 in J0154-07 1(36) - 3 orbits - G16 0M (F2)	652.938154 Secs (652.938 Secs)	[3]

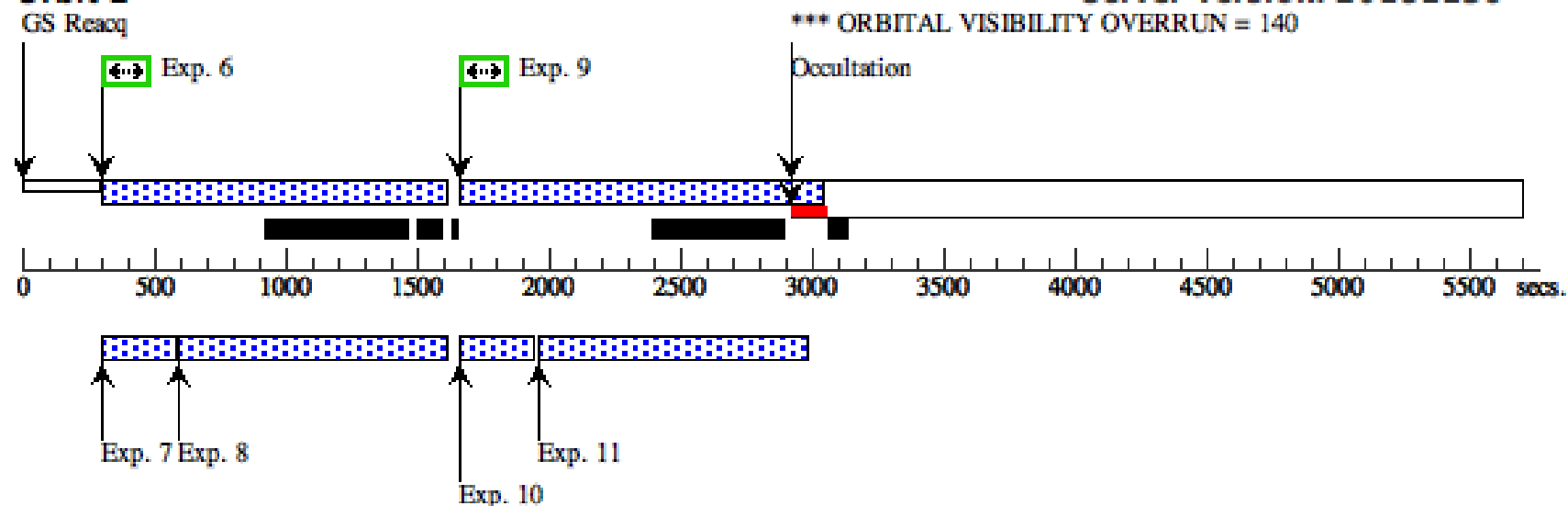
Orbit 1

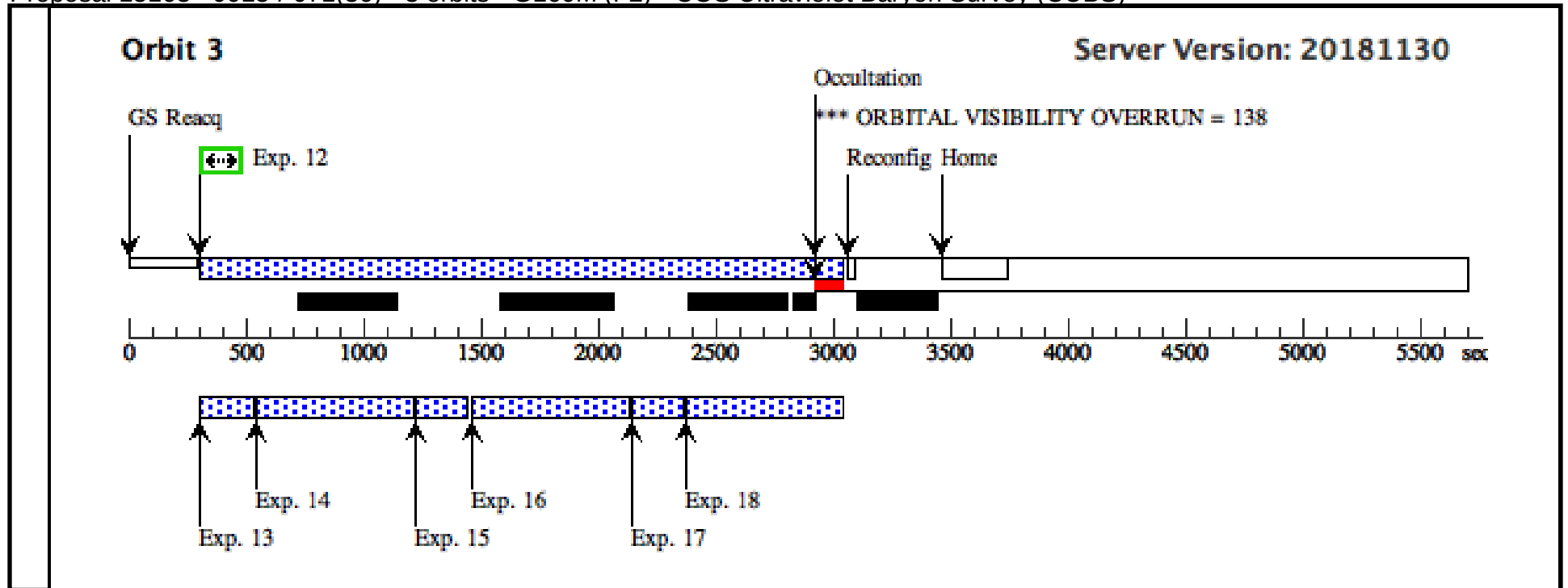
Server Version: 20181130



Orbit 2

Server Version: 20181130





Proposal 15163 - J0154-071(36) - 3 orbits - G160M (F3) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J0154-071(36) - 3 orbits - G160M (F3), completed Tue Feb 26 23:04:22 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV Special Requirements: SCHED 100% <i>Comments: See comment in F1</i>				
Diagnostics	(J0154-071(36) - 3 orbits - G160M (F3)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (J0154-071(36) - 3 orbits - G160M (F3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J0154-071(36) - 3 orbits - G160M (F3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J0154-071(36) - 3 orbits - G160M (F3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(6)	J015454.68-071222.2	RA: 01 54 54.6800 (28.7278333d) Dec: -07 12 22.17 (-7.20616d) Equinox: J2000	Redshift: 1.289 	V=15.8 fuv=17.07 nuv=16.40
Fixed Targets	<i>Comments:</i> Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO				

Proposal 15163 - J0154-071(36) - 3 orbits - G160M (F3) - COS Ultraviolet Baryon Survey (CUBS)

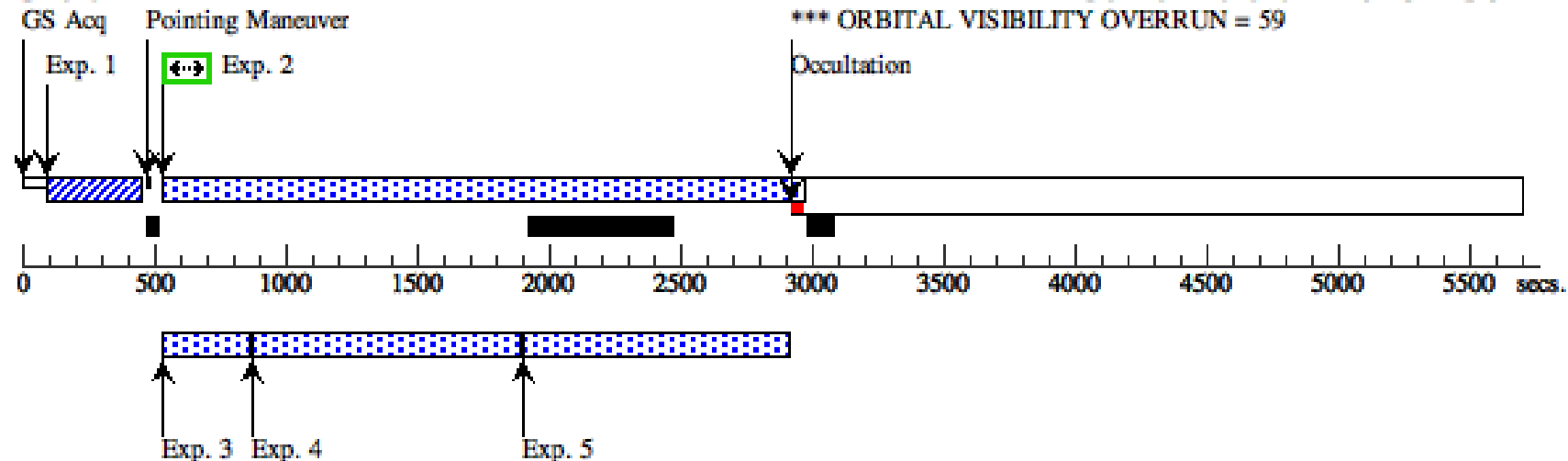
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9403)	(6) J015454.68-0712 22.2	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				34 Secs (34 Secs) [==>]	[1]
	2	C1589/FP2 (COS.sp.101 2137)	(6) J015454.68-0712 22.2	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=2; BUFFER-TIME=25 00		Prime + Parallel Gro up 2-5 in J0154-071(36) - 3 orbits - G160 M (F3)	2225 Secs (2225 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J0154-071(36) - 3 orbits - G160 M (F3)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0154-071(36) - 3 orbits - G160 M (F3)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0154-071(36) - 3 orbits - G160 M (F3)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1589/FP4 (COS.sp.101 2137)	(6) J015454.68-0712 22.2	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=4; BUFFER-TIME=11 56		Prime + Parallel Gro up 6-8 in J0154-071(36) - 3 orbits - G160 M (F3)	1259 Secs (1259 Secs) [==>]	[2]
	7	F160-10-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=10; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-8 in J0154-071(36) - 3 orbits - G160 M (F3)	227.936926 Secs (227.937 Secs) [==>]	[2]
	8	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-8 in J0154-071(36) - 3 orbits - G160 M (F3)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	9	C1611/FP2 (COS.sp.101 2137)	(6) J015454.68-0712 22.2	COS/FUV, TIME-TAG, PSA	G160M 1611 A	FP-POS=2; BUFFER-TIME=25 00		Prime + Parallel Gro up 9-11 in J0154-071 (36) - 3 orbits - G160 M (F3)	1251 Secs (1251 Secs) [==>]	[2]
	10	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 9-11 in J0154-071 (36) - 3 orbits - G160 M (F3)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	11	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 9-11 in J0154-071 (36) - 3 orbits - G160 M (F3)	302.938471 Secs (302.938 Secs) [==>]	[2]
	12	C1611/FP4 (COS.sp.101 2137)	(6) J015454.68-0712 22.2	COS/FUV, TIME-TAG, PSA	G160M 1611 A	FP-POS=4; BUFFER-TIME=25 00		Prime + Parallel Gro up 12-16 in J0154-07 1(36) - 3 orbits - G16 0M (F3)	2691 Secs (2691 Secs) [==>]	[3]
	13	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 12-16 in J0154-07 1(36) - 3 orbits - G16 0M (F3)	302.938471 Secs (302.938 Secs) [==>]	[3]
	14	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 12-16 in J0154-07 1(36) - 3 orbits - G16 0M (F3)	1002.935521 Secs (1002.936 Secs) [==>]	[3]

Proposal 15163 - J0154-071(36) - 3 orbits - G160M (F3) - COS Ultraviolet Baryon Survey (CUBS)

	15	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 12-16 in J0154-07 1(36) - 3 orbits - G16 0M (F3)	1002.935521 Secs (1002.936 Secs) [==>]	[3]
	16	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 12-16 in J0154-07 1(36) - 3 orbits - G16 0M (F3)	302.938471 Secs (302.938 Secs) [==>]	[3]

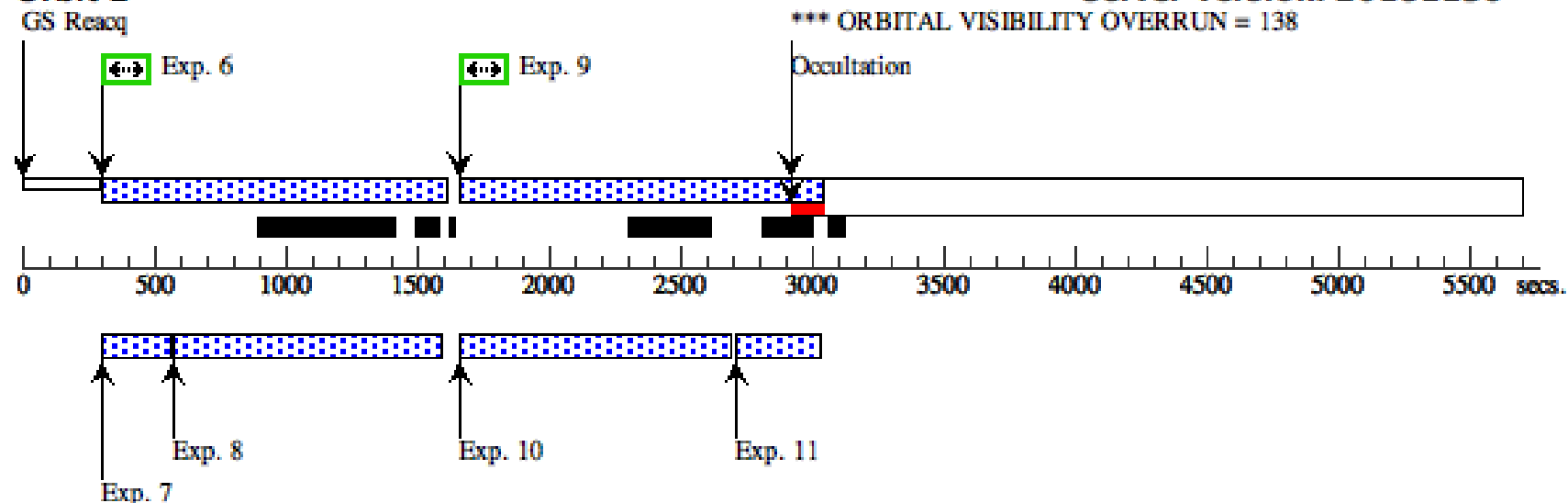
Orbit 1

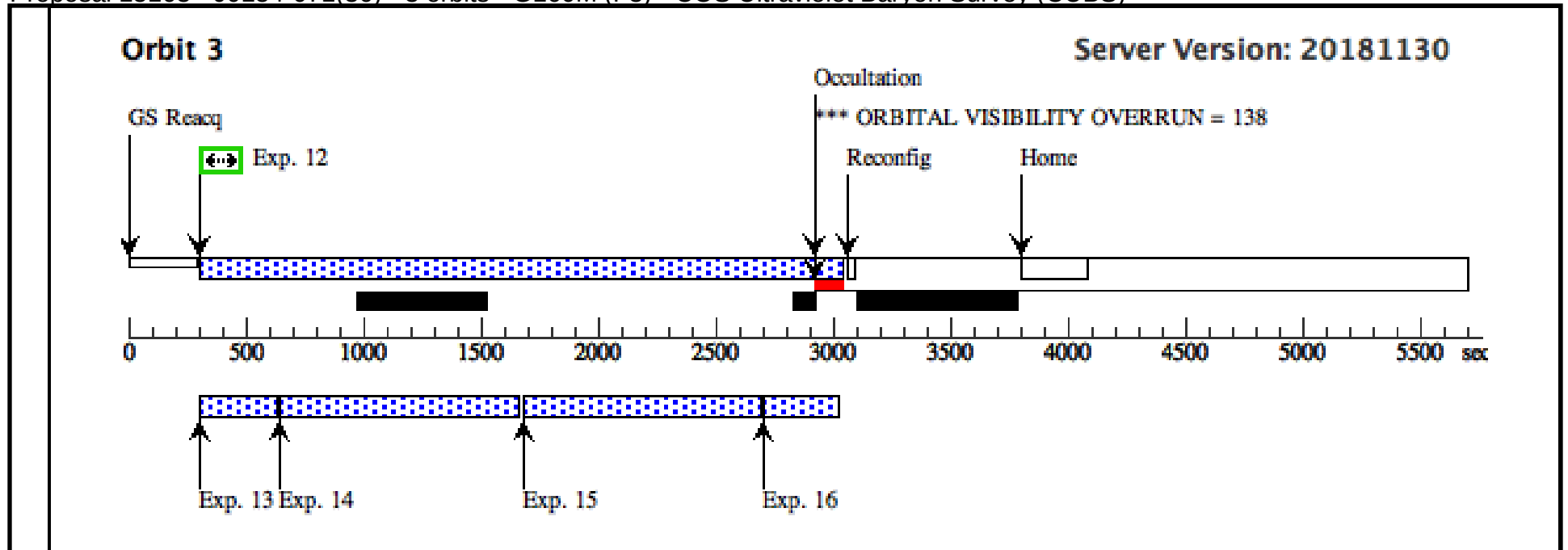
Server Version: 20181130



Orbit 2

Server Version: 20181130





Proposal 15163 - J0119-201(35) - 4 orbits - G130M+G160M (E1) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J0119-201(35) - 4 orbits - G130M+G160M (E1), completed Tue Feb 26 23:04:22 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV Special Requirements: SCHED 100% <i>Comments: This target has 8 orbits. This visit contains 3 G130M orbits+ 5 G160M 1.5 orbits C1223 + 1.5. orbits C1291 1.5 orbits C1577 + 1 orbits C1589 + 1 orbits C1611 + 1.5 orbits C1623</i> E1 : 3G130M+1G160M TAC1291F34 + C1223F1234 + C1291F3 +C1611F13 E2 : 4G160M TAC1589F13+ C1577F1 + C1577F3/C1623F1+ C1623F3				
Diagnostics	(J0119-201(35) - 4 orbits - G130M+G160M (E1)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (J0119-201(35) - 4 orbits - G130M+G160M (E1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J0119-201(35) - 4 orbits - G130M+G160M (E1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J0119-201(35) - 4 orbits - G130M+G160M (E1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J0119-201(35) - 4 orbits - G130M+G160M (E1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(5)	J011956.00-201022.0	RA: 01 19 56.0910 (19.9837125d) Dec: -20 10 22.73 (-20.17298d) Equinox: J2000	Redshift: 0.812	V=15.8 fuv=16.86 nuv=16.15
Fixed Targets	<i>Comments:</i> Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO				

Proposal 15163 - J0119-201(35) - 4 orbits - G130M+G160M (E1) - COS Ultraviolet Baryon Survey (CUBS)

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9402)	(5) J011956.00-2010 22.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				29 Secs (29 Secs) [==>]	[1]
	2	C1291/FP3 (COS.sp.101 2109)	(5) J011956.00-2010 22.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=98 0		Prime + Parallel Gro up 2-4 in J0119-201(35) - 4 orbits - G130M+G160M (E1)	1078 Secs (1078 Secs) [==>]	[1]
	3	F110-12-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=12; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-4 in J0119-201(35) - 4 orbits - G130M+G160M (E1)	277.937956 Secs (277.938 Secs) [==>]	[1]
	4	G102-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=10; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-4 in J0119-201(35) - 4 orbits - G130M+G160M (E1)	902.935198 Secs (902.935 Secs) [==>]	[1]
	5	C1291/FP4 (COS.sp.101 2109)	(5) J011956.00-2010 22.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=25 00		Prime + Parallel Gro up 5-7 in J0119-201(35) - 4 orbits - G130M+G160M (E1)	1103 Secs (1103 Secs) [==>]	[1]
	6	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 5-7 in J0119-201(35) - 4 orbits - G130M+G160M (E1)	252.937441 Secs (252.937 Secs) [==>]	[1]
	7	G102-9-S10 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=9; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 5-7 in J0119-201(35) - 4 orbits - G130M+G160M (E1)	802.934875 Secs (802.935 Secs) [==>]	[1]
	8	C1222/FP1 (COS.sp.101 3001)	(5) J011956.00-2010 22.0	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=1; BUFFER-TIME=48 6		Sequence 8-12 Non-I nt in J0119-201(35) - 4 orbits - G130M+G 160M (E1) Prime + Parallel Gro up 8-10 in Sequence 8-12 Non-Int in J011 9-201(35) - 4 orbits - G130M+G160M (E1)	586 Secs (586 Secs) [==>]	[2]
	9	F160-14-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=14; SAMP-SEQ=SPAR S25		Sequence 8-12 Non-I nt in J0119-201(35) - 4 orbits - G130M+G 160M (E1) Prime + Parallel Gro up 8-10 in Sequence 8-12 Non-Int in J011 9-201(35) - 4 orbits - G130M+G160M (E1)	327.938986 Secs (327.939 Secs) [==>]	[2]
	10	F160-14-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=14; SAMP-SEQ=SPAR S25		Sequence 8-12 Non-I nt in J0119-201(35) - 4 orbits - G130M+G 160M (E1) Prime + Parallel Gro up 8-10 in Sequence 8-12 Non-Int in J011 9-201(35) - 4 orbits - G130M+G160M (E1)	327.938986 Secs (327.939 Secs) [==>]	[2]

Proposal 15163 - J0119-201(35) - 4 orbits - G130M+G160M (E1) - COS Ultraviolet Baryon Survey (CUBS)

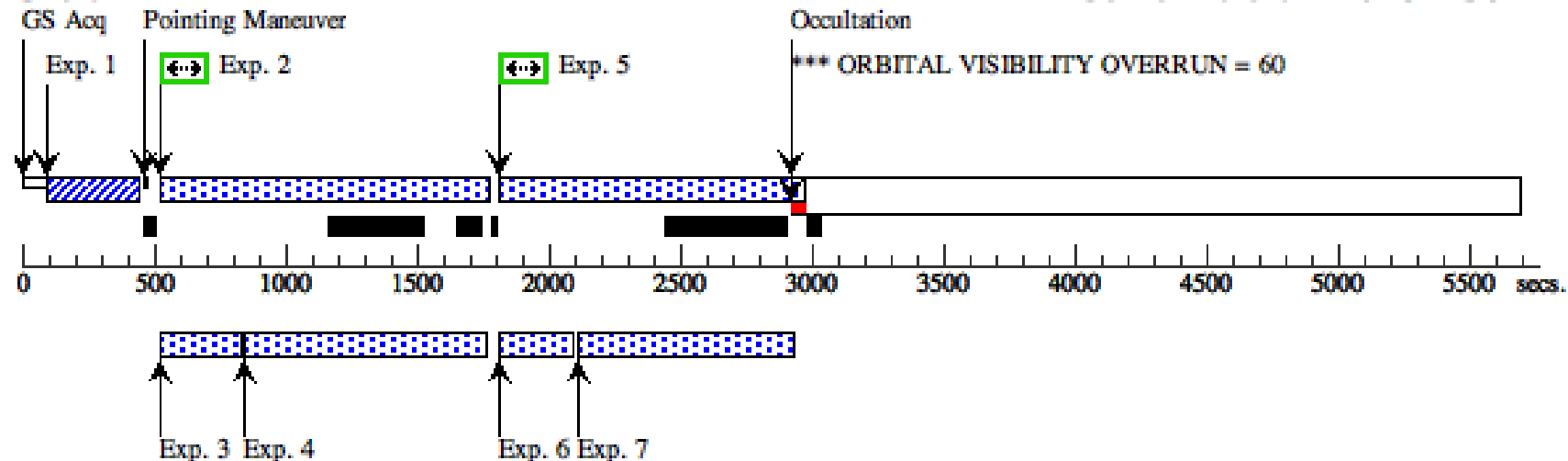
11	C1222/FP2 (5) J011956.00-2010 (COS.sp.101 22.0 3001)	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=2; BUFFER-TIME=48 6	Sequence 8-12 Non-Int in J0119-201(35) - 4 orbits - G130M+G160M (E1) Prime + Parallel Group 11-12 in Sequence 8-12 Non-Int in J0119-201(35) - 4 orbits - G130M+G160M (E1)	586 Secs (586 Secs) [==>]	[2]
12	G141-13-S5 ANY 0	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S50	Sequence 8-12 Non-Int in J0119-201(35) - 4 orbits - G130M+G160M (E1) Prime + Parallel Group 11-12 in Sequence 8-12 Non-Int in J0119-201(35) - 4 orbits - G130M+G160M (E1)	602.937703 Secs (602.938 Secs) [==>]	[2]
13	C1222/FP3 (5) J011956.00-2010 (COS.sp.101 22.0 3001)	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=3; BUFFER-TIME=20 00	Sequence 13-16 Non-Int in J0119-201(35) - 4 orbits - G130M+G160M (E1) Prime + Parallel Group 13-16 in Sequence 13-16 Non-Int in J0119-201(35) - 4 orbits - G130M+G160M (E1)	1199 Secs (1199 Secs) [==>]	[2]
14	G141-12-S5 ANY 0	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S50	Sequence 13-16 Non-Int in J0119-201(35) - 4 orbits - G130M+G160M (E1) Prime + Parallel Group 13-16 in Sequence 13-16 Non-Int in J0119-201(35) - 4 orbits - G130M+G160M (E1)	552.937252 Secs (552.937 Secs) [==>]	[2]
15	F160-12-S2 ANY 5	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	Sequence 13-16 Non-Int in J0119-201(35) - 4 orbits - G130M+G160M (E1) Prime + Parallel Group 13-16 in Sequence 13-16 Non-Int in J0119-201(35) - 4 orbits - G130M+G160M (E1)	277.937956 Secs (277.938 Secs) [==>]	[2]
16	F160-13-S2 ANY 5	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Sequence 13-16 Non-Int in J0119-201(35) - 4 orbits - G130M+G160M (E1) Prime + Parallel Group 13-16 in Sequence 13-16 Non-Int in J0119-201(35) - 4 orbits - G130M+G160M (E1)	302.938471 Secs (302.938 Secs) [==>]	[2]

Proposal 15163 - J0119-201(35) - 4 orbits - G130M+G160M (E1) - COS Ultraviolet Baryon Survey (CUBS)

17	C1222/FP4 (COS.sp.101 22.0 2109)	(5) J011956.00-2010	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=4; BUFFER-TIME=11 22	Prime + Parallel Gro up 17-19 in J0119-20 1(35) - 4 orbits - G13 0M+G160M (E1)	1222 Secs (1222 Secs) [==>]	[3]
18	F110-12-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=12; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 17-19 in J0119-20 1(35) - 4 orbits - G13 0M+G160M (E1)	277.937956 Secs (277.938 Secs) [==>]	[3]
19	G102-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=10; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 17-19 in J0119-20 1(35) - 4 orbits - G13 0M+G160M (E1)	902.935198 Secs (902.935 Secs) [==>]	[3]
20	C1291/FP3 (COS.sp.101 22.0 2109)	(5) J011956.00-2010	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=25 00	Prime + Parallel Gro up 20-22 in J0119-20 1(35) - 4 orbits - G13 0M+G160M (E1)	1274 Secs (1274 Secs) [==>]	[3]
21	G102-12-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=12; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 20-22 in J0119-20 1(35) - 4 orbits - G13 0M+G160M (E1)	1102.935844 Secs (1102.936 Secs) [==>]	[3]
22	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 20-22 in J0119-20 1(35) - 4 orbits - G13 0M+G160M (E1)	252.937441 Secs (252.937 Secs) [==>]	[3]
23	C1623/F1 (COS.sp.101 22.0 2117)	(5) J011956.00-2010	COS/FUV, TIME-TAG, PSA	G160M 1623 A	FP-POS=1; BUFFER-TIME=11 40	Prime + Parallel Gro up 23-25 in J0119-20 1(35) - 4 orbits - G13 0M+G160M (E1)	1240 Secs (1240 Secs) [==>]	[4]
24	F110-10-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=10; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 23-25 in J0119-20 1(35) - 4 orbits - G13 0M+G160M (E1)	227.936926 Secs (227.937 Secs) [==>]	[4]
25	G102-12-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=12; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 23-25 in J0119-20 1(35) - 4 orbits - G13 0M+G160M (E1)	1102.935844 Secs (1102.936 Secs) [==>]	[4]
26	C1623/F3 (COS.sp.101 22.0 2117)	(5) J011956.00-2010	COS/FUV, TIME-TAG, PSA	G160M 1623 A	FP-POS=3; BUFFER-TIME=22 00	Prime + Parallel Gro up 26-28 in J0119-20 1(35) - 4 orbits - G13 0M+G160M (E1)	1239 Secs (1239 Secs) [==>]	[4]
27	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 26-28 in J0119-20 1(35) - 4 orbits - G13 0M+G160M (E1)	302.938471 Secs (302.938 Secs) [==>]	[4]
28	G141-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 26-28 in J0119-20 1(35) - 4 orbits - G13 0M+G160M (E1)	902.935198 Secs (902.935 Secs) [==>]	[4]

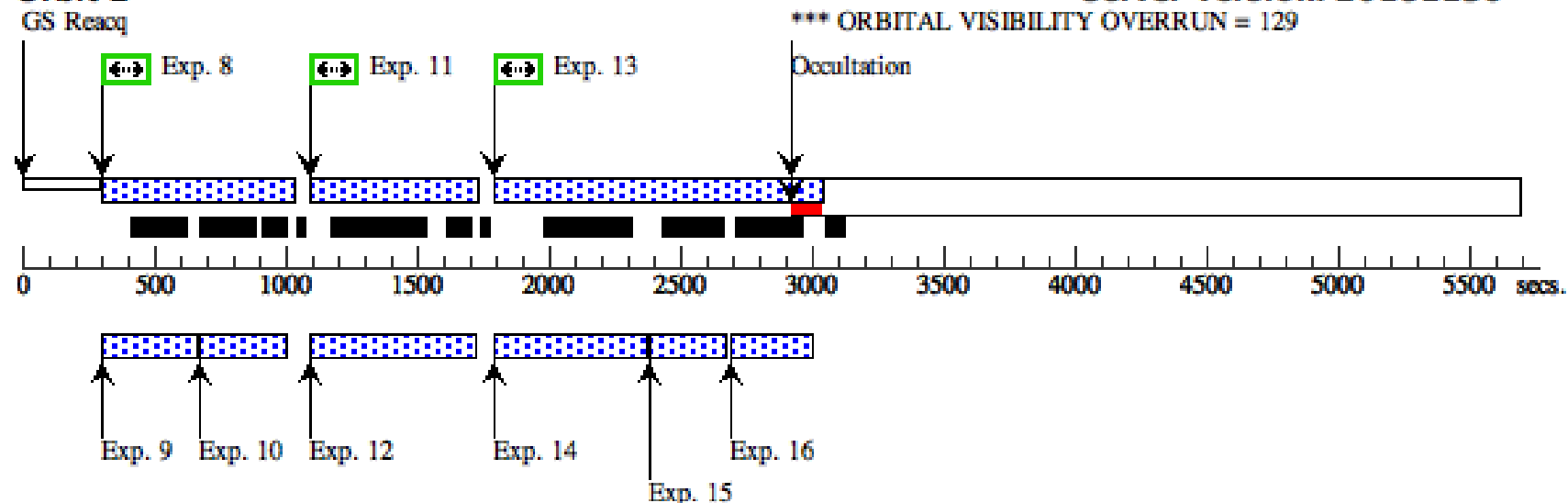
Orbit 1

Server Version: 20181130



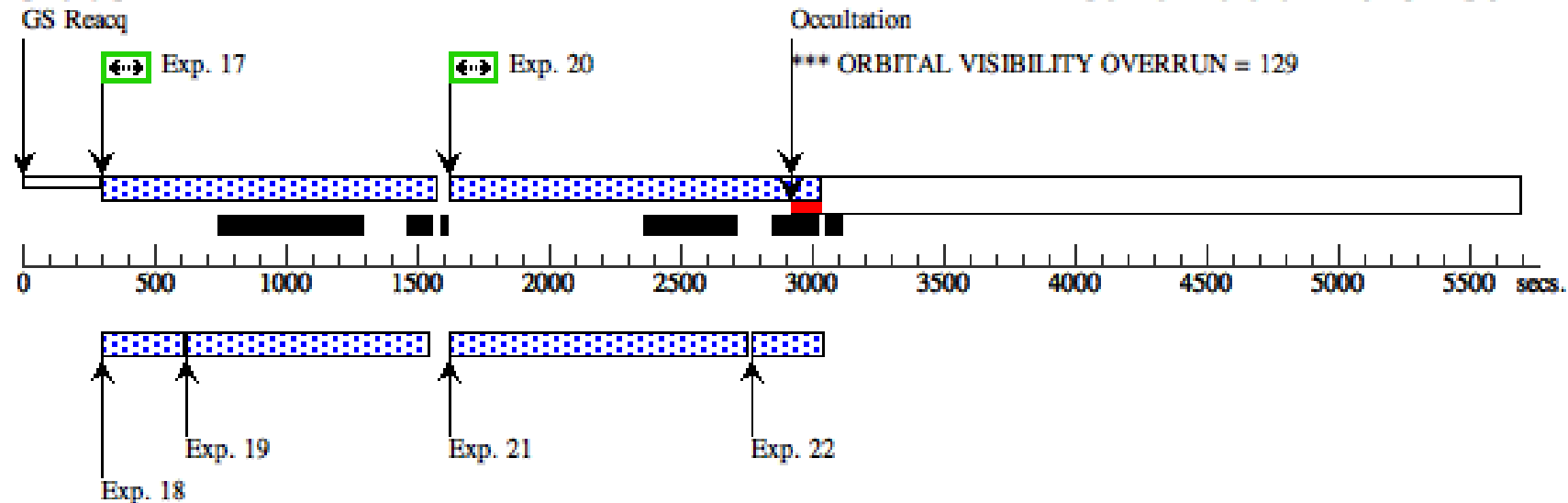
Orbit 2

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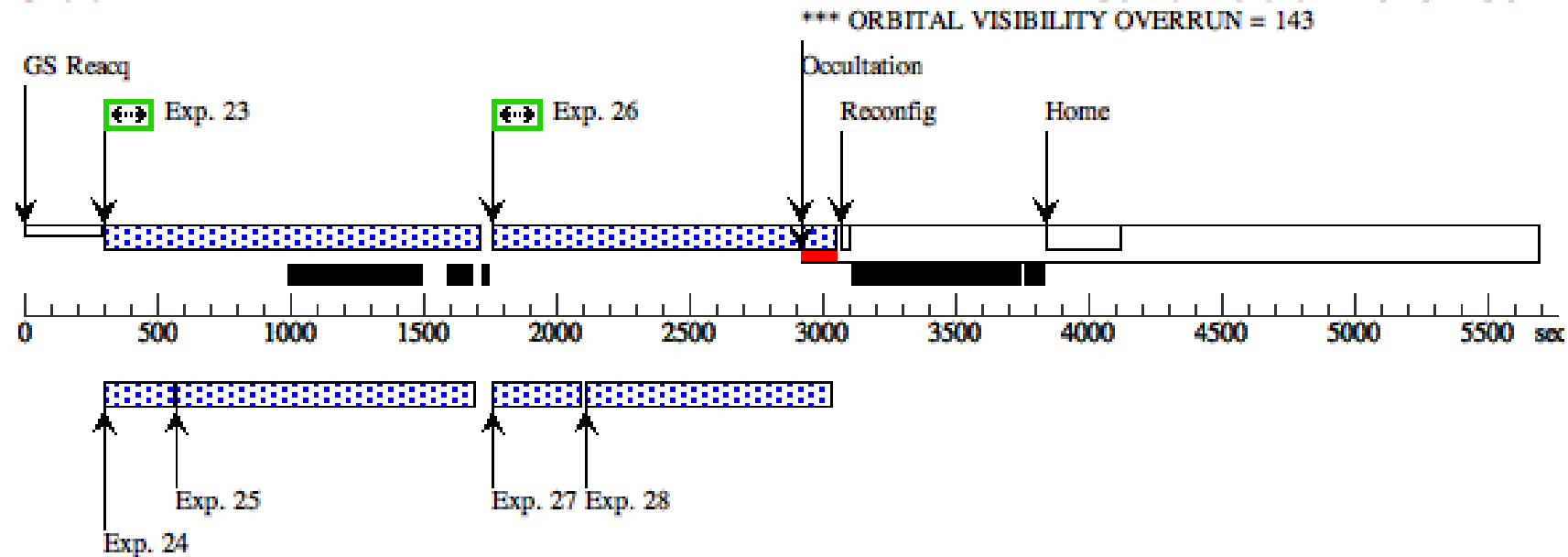
Orbit 3

Server Version: 20181130



Orbit 4

Server Version: 20181130



Proposal 15163 - J0119-201(35) - 4 orbits - G160M - BaseOrient (E2) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J0119-201(35) - 4 orbits - G160M - BaseOrient (E2), failed					Tue Feb 26 23:04:22 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%					
	Comments: See comment in E1					
Diagnostics	(J0119-201(35) - 4 orbits - G160M - BaseOrient (E2)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.					
	(J0119-201(35) - 4 orbits - G160M - BaseOrient (E2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0119-201(35) - 4 orbits - G160M - BaseOrient (E2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0119-201(35) - 4 orbits - G160M - BaseOrient (E2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0119-201(35) - 4 orbits - G160M - BaseOrient (E2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(5)	J011956.00-201022.0	RA: 01 19 56.0910 (19.9837125d) Dec: -20 10 22.73 (-20.17298d) Equinox: J2000	Redshift: 0.812	V=15.8 fuv=16.86 nuv=16.15	Reference Frame: ICRS
	Comments:					
	Category=EXT-MEDIUM					
	Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM]					
Extended=NO						

Proposal 15163 - J0119-201(35) - 4 orbits - G160M - BaseOrient (E2) - COS Ultraviolet Baryon Survey (CUBS)

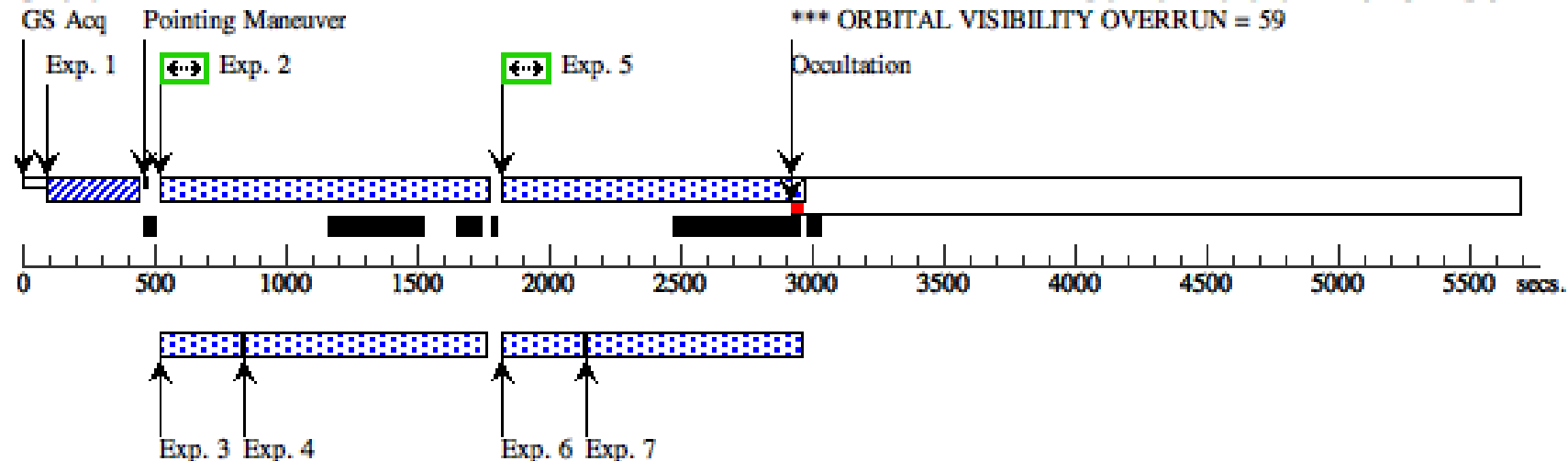
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9402)	(5) J011956.00-2010 22.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				29 Secs (29 Secs) [==>]	[1]
	2	C1589/FP1 (COS.sp.101 2114)	(5) J011956.00-2010 22.0	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=1; BUFFER-TIME=94 0		Prime + Parallel Gro up 2-4 in J0119-201(35) - 4 orbits - G160M - BaseOrient (E2)	1040 Secs (1040 Secs) [==>]	[1]
	3	F110-12-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=12; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-4 in J0119-201(35) - 4 orbits - G160M - BaseOrient (E2)	277.937956 Secs (277.938 Secs) [==>]	[1]
	4	G102-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=10; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-4 in J0119-201(35) - 4 orbits - G160M - BaseOrient (E2)	902.935198 Secs (902.935 Secs) [==>]	[1]
	5	C1589/FP3 (COS.sp.101 2114)	(5) J011956.00-2010 22.0	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=3; BUFFER-TIME=25 00		Prime + Parallel Gro up 5-7 in J0119-201(35) - 4 orbits - G160M - BaseOrient (E2)	1097 Secs (1097 Secs) [==>]	[1]
	6	F110-12-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=12; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 5-7 in J0119-201(35) - 4 orbits - G160M - BaseOrient (E2)	277.937956 Secs (277.938 Secs) [==>]	[1]
	7	G102-9-S10 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=9; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 5-7 in J0119-201(35) - 4 orbits - G160M - BaseOrient (E2)	802.934875 Secs (802.935 Secs) [==>]	[1]
	8	C1577/FP1 (COS.sp.101 2114)	(5) J011956.00-2010 22.0	COS/FUV, TIME-TAG, PSA	G160M 1577 A	FP-POS=1; BUFFER-TIME=25 00		Prime + Parallel Gro up 8-12 in J0119-201(35) - 4 orbits - G160M - BaseOrient (E2)	2625 Secs (2625 Secs) [==>]	[2]
	9	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 8-12 in J0119-201(35) - 4 orbits - G160M - BaseOrient (E2)	302.938471 Secs (302.938 Secs) [==>]	[2]
	10	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 8-12 in J0119-201(35) - 4 orbits - G160M - BaseOrient (E2)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	11	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 8-12 in J0119-201(35) - 4 orbits - G160M - BaseOrient (E2)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	12	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 8-12 in J0119-201(35) - 4 orbits - G160M - BaseOrient (E2)	302.938471 Secs (302.938 Secs) [==>]	[2]
	13	C1577/FP3 (COS.sp.101 2114)	(5) J011956.00-2010 22.0	COS/FUV, TIME-TAG, PSA	G160M 1577 A	FP-POS=3; BUFFER-TIME=11 60		Prime + Parallel Gro up 13-15 in J0119-201(35) - 4 orbits - G160M - BaseOrient (E2)	1260 Secs (1260 Secs) [==>]	[3]
	14	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 13-15 in J0119-201(35) - 4 orbits - G160M - BaseOrient (E2)	252.937441 Secs (252.937 Secs) [==>]	[3]

Proposal 15163 - J0119-201(35) - 4 orbits - G160M - BaseOrient (E2) - COS Ultraviolet Baryon Survey (CUBS)

15	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 13-15 in J0119-20 1(35) - 4 orbits - G16 0M - BaseOrient (E 2)	1002.935521 Secs (1002.936 Secs) [==>]	[3]
16	C1611/FP1 (COS.sp.101 22.0 2117)	(5)J011956.00-2010	COS/FUV, TIME-TAG, PSA	G160M 1611 A	FP-POS=1; BUFFER-TIME=25 00	Prime + Parallel Gro up 16-18 in J0119-20 1(35) - 4 orbits - G16 0M - BaseOrient (E 2)	1252 Secs (1252 Secs) [==>]	[3]
17	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 16-18 in J0119-20 1(35) - 4 orbits - G16 0M - BaseOrient (E 2)	252.937441 Secs (252.937 Secs) [==>]	[3]
18	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 16-18 in J0119-20 1(35) - 4 orbits - G16 0M - BaseOrient (E 2)	1002.935521 Secs (1002.936 Secs) [==>]	[3]
19	C1611/FP3 (COS.sp.101 22.0 2117)	(5)J011956.00-2010	COS/FUV, TIME-TAG, PSA	G160M 1611 A	FP-POS=3; BUFFER-TIME=25 00	Prime + Parallel Gro up 19-23 in J0119-20 1(35) - 4 orbits - G16 0M - BaseOrient (E 2)	2698 Secs (2698 Secs) [==>]	[4]
20	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 19-23 in J0119-20 1(35) - 4 orbits - G16 0M - BaseOrient (E 2)	302.938471 Secs (302.938 Secs) [==>]	[4]
21	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 19-23 in J0119-20 1(35) - 4 orbits - G16 0M - BaseOrient (E 2)	1002.935521 Secs (1002.936 Secs) [==>]	[4]
22	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 19-23 in J0119-20 1(35) - 4 orbits - G16 0M - BaseOrient (E 2)	1002.935521 Secs (1002.936 Secs) [==>]	[4]
23	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 19-23 in J0119-20 1(35) - 4 orbits - G16 0M - BaseOrient (E 2)	302.938471 Secs (302.938 Secs) [==>]	[4]

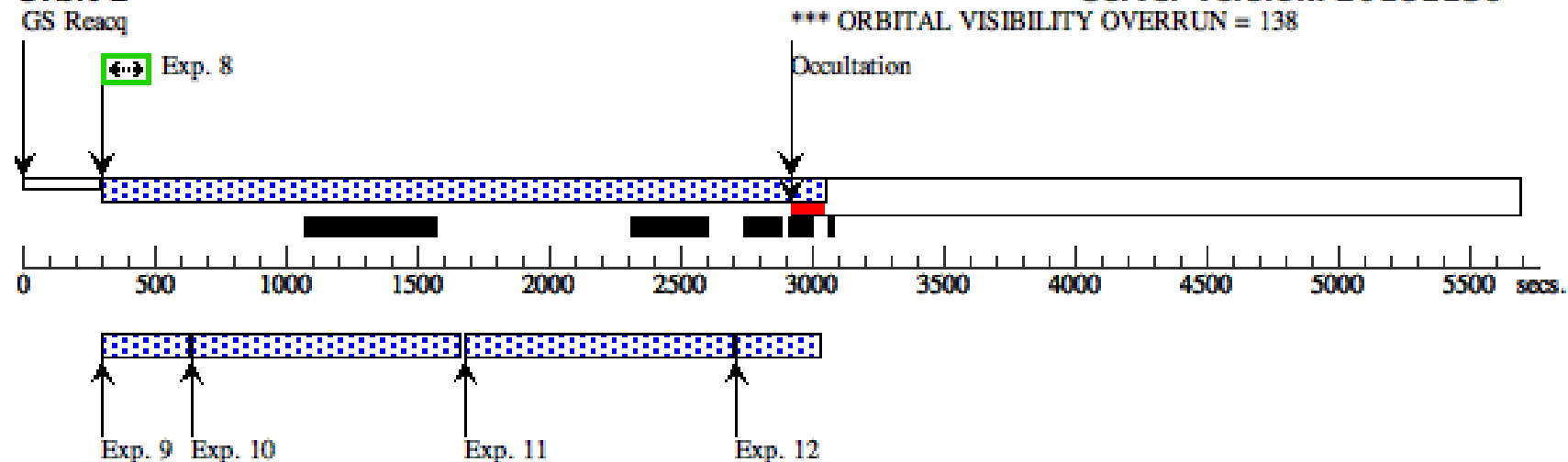
Orbit 1

Server Version: 20181130



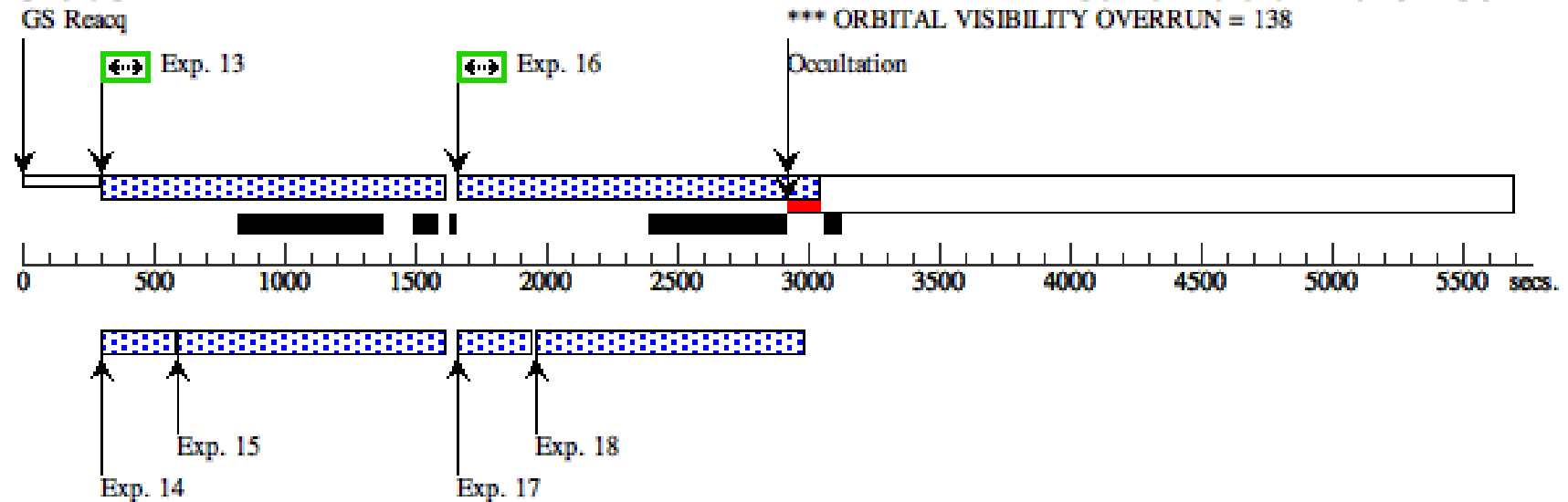
Orbit 2

Server Version: 20181130



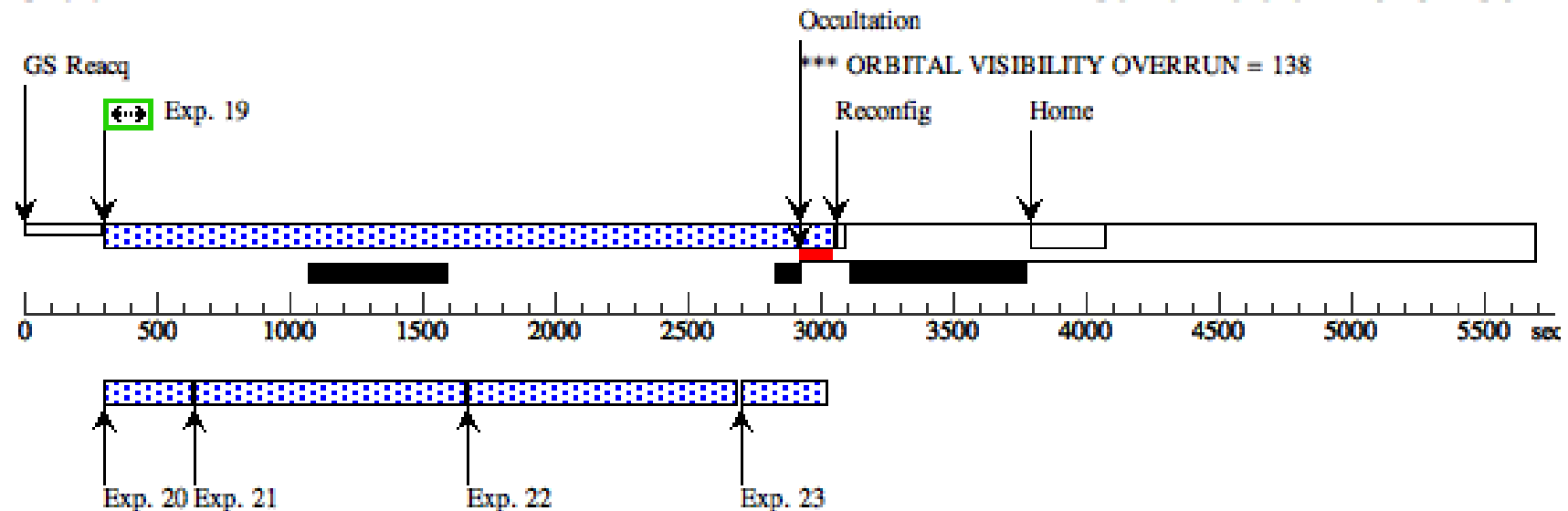
Orbit 3

Server Version: 20181130



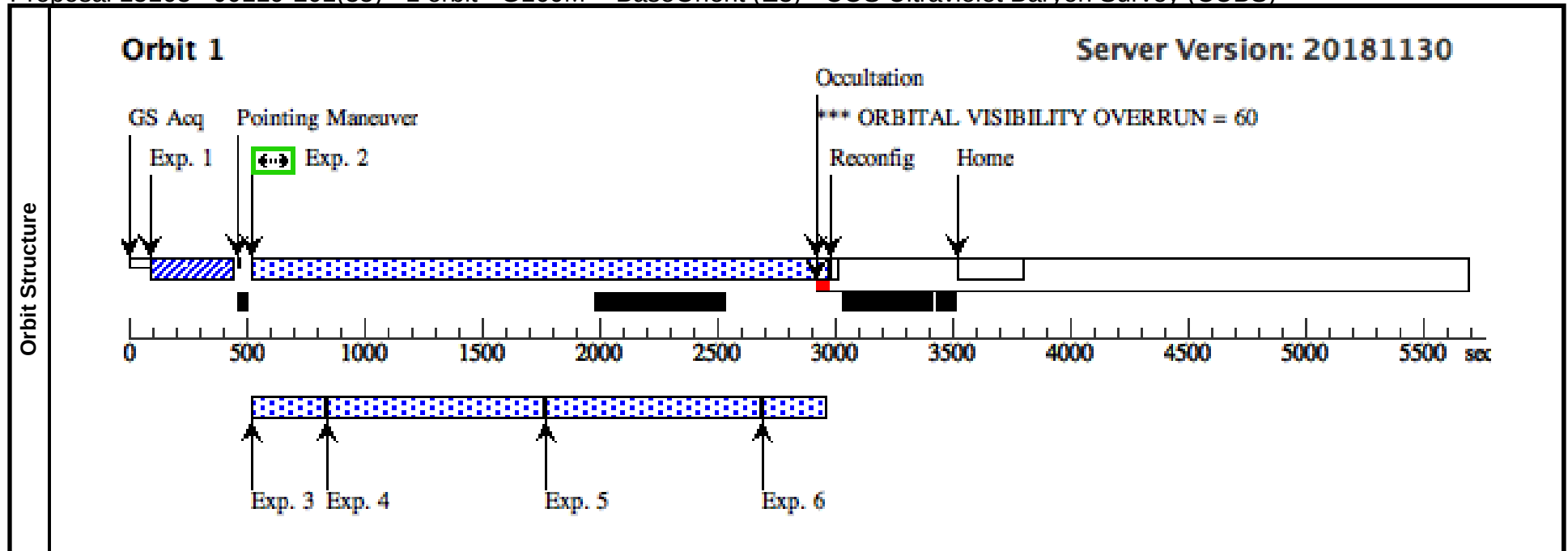
Orbit 4

Server Version: 20181130



Proposal 15163 - J0119-201(35) - 1 orbit - G160M - BaseOrient (E3) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J0119-201(35) - 1 orbit - G160M - BaseOrient (E3), completed								Tue Feb 26 23:04:22 GMT 2019	
	Diagnostic Status: Warning									
	Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV									
	Special Requirements: SCHED 100%									
Comments: repeat of 1 orbit in E2 1577 setting										
Diagnostics	(J0119-201(35) - 1 orbit - G160M - BaseOrient (E3)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.									
	(J0119-201(35) - 1 orbit - G160M - BaseOrient (E3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(5)	J011956.00-201022.0	RA: 01 19 56.0910 (19.9837125d) Dec: -20 10 22.73 (-20.17298d) Equinox: J2000	Redshift: 0.812	V=15.8 fuv=16.86 nuv=16.15	Reference Frame: ICRS				
	Comments:									
	Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9402)	(5) J011956.00-2010 22.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				29 Secs (29 Secs)	
									[==>]	[1]
	2	C1577/FP4 (COS.sp.101 2117)	(5) J011956.00-2010 22.0	COS/FUV, TIME-TAG, PSA	G160M 1577 A	FP-POS=3; BUFFER-TIME=30 00		Prime + Parallel Group 2-6 in J0119-201(35) - 1 orbit - G160M - BaseOrient (E3)	2245 Secs (2245 Secs)	
									[==>]	[1]
	3	F160-12-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=12; SAMP-SEQ=SPAR S25		Prime + Parallel Group 2-6 in J0119-201(35) - 1 orbit - G160M - BaseOrient (E3)	277.937956 Secs (277.938 Secs)	
									[==>]	[1]
	4	G141-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100		Prime + Parallel Group 2-6 in J0119-201(35) - 1 orbit - G160M - BaseOrient (E3)	902.935198 Secs (902.935 Secs)	
									[==>]	[1]
	5	G141-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100		Prime + Parallel Group 2-6 in J0119-201(35) - 1 orbit - G160M - BaseOrient (E3)	902.935198 Secs (902.935 Secs)	
								[==>]	[1]	
6	F160-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=11; SAMP-SEQ=SPAR S25		Prime + Parallel Group 2-6 in J0119-201(35) - 1 orbit - G160M - BaseOrient (E3)	252.937441 Secs (252.937 Secs)		
								[==>]	[1]	



Proposal 15163 - J2135-531(34) - 3 orbits - G130M+G160M - BaseOrient (M1) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J2135-531(34) - 3 orbits - G130M+G160M - BaseOrient (M1), completed Tue Feb 26 23:04:22 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV Special Requirements: SCHED 100%; ORIENT 135D TO 112.8 D <i>Comments: This target has 7 orbits. This visit contains 3 G130M orbits+ 4 G160M 1.5 orbits C1291F34+ 1.5 orbits C1223F1234 1 orbits C1577 + 1 orbits C1589 + 1 orbits C1611 + 1 orbits C1623</i> M1 : 3G130M TAC1291F34 + C1223F1234 + C1291F3 M2 : 4G160M TAC1611F13+ C1577F13 + C1589F13+ C1577F13 + C1623F13				
Diagnostics	(J2135-531(34) - 3 orbits - G130M+G160M - BaseOrient (M1)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (J2135-531(34) - 3 orbits - G130M+G160M - BaseOrient (M1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J2135-531(34) - 3 orbits - G130M+G160M - BaseOrient (M1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J2135-531(34) - 3 orbits - G130M+G160M - BaseOrient (M1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(13)	J213553.19-531655.7	RA: 21 35 53.2020 (323.9716750d) Dec: -53 16 55.82 (-53.28217d) Equinox: J2000	Redshift: 0.806	V=15.8 fuv=17.13 nuv=15.94
Fixed Targets	<i>Comments:</i> Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO				

Proposal 15163 - J2135-531(34) - 3 orbits - G130M+G160M - BaseOrient (M1) - COS Ultraviolet Baryon Survey (CUBS)

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9410)	(13) J213553.19-531 655.7	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				24 Secs (24 Secs) [==>]	[1]
	2	C1291/FP3 (COS.sp.101 2109)	(13) J213553.19-531 655.7	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=10 10		Prime + Parallel Gro up 2-4 in J2135-531(34) - 3 orbits - G130 M+G160M - BaseOr ient (M1)	1110 Secs (1110 Secs) [==>]	[1]
	3	F110-12-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=12; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-4 in J2135-531(34) - 3 orbits - G130 M+G160M - BaseOr ient (M1)	277.937956 Secs (277.938 Secs) [==>]	[1]
	4	G102-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=10; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-4 in J2135-531(34) - 3 orbits - G130 M+G160M - BaseOr ient (M1)	902.935198 Secs (902.935 Secs) [==>]	[1]
	5	C1291/FP4 (COS.sp.101 2109)	(13) J213553.19-531 655.7	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=20 00		Prime + Parallel Gro up 5-7 in J2135-531(34) - 3 orbits - G130 M+G160M - BaseOr ient (M1)	1094 Secs (1094 Secs) [==>]	[1]
	6	F110-10-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=10; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 5-7 in J2135-531(34) - 3 orbits - G130 M+G160M - BaseOr ient (M1)	227.936926 Secs (227.937 Secs) [==>]	[1]
	7	G102-9-S10 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=9; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 5-7 in J2135-531(34) - 3 orbits - G130 M+G160M - BaseOr ient (M1)	802.934875 Secs (802.935 Secs) [==>]	[1]
	8	C1222/FP1 (COS.sp.101 3001)	(13) J213553.19-531 655.7	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=1; BUFFER-TIME=49 2		Sequence 8-12 Non-I nt in J2135-531(34) - 3 orbits - G130M+G 160M - BaseOrient (M1) Prime + Parallel Gro up 8-10 in Sequence 8-12 Non-Int in J213 5-531(34) - 3 orbits - G130M+G160M - B aseOrient (M1)	593 Secs (593 Secs) [==>]	[2]
	9	F160-14-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=14; SAMP-SEQ=SPAR S25		Sequence 8-12 Non-I nt in J2135-531(34) - 3 orbits - G130M+G 160M - BaseOrient (M1) Prime + Parallel Gro up 8-10 in Sequence 8-12 Non-Int in J213 5-531(34) - 3 orbits - G130M+G160M - B aseOrient (M1)	327.938986 Secs (327.939 Secs) [==>]	[2]

Proposal 15163 - J2135-531(34) - 3 orbits - G130M+G160M - BaseOrient (M1) - COS Ultraviolet Baryon Survey (CUBS)

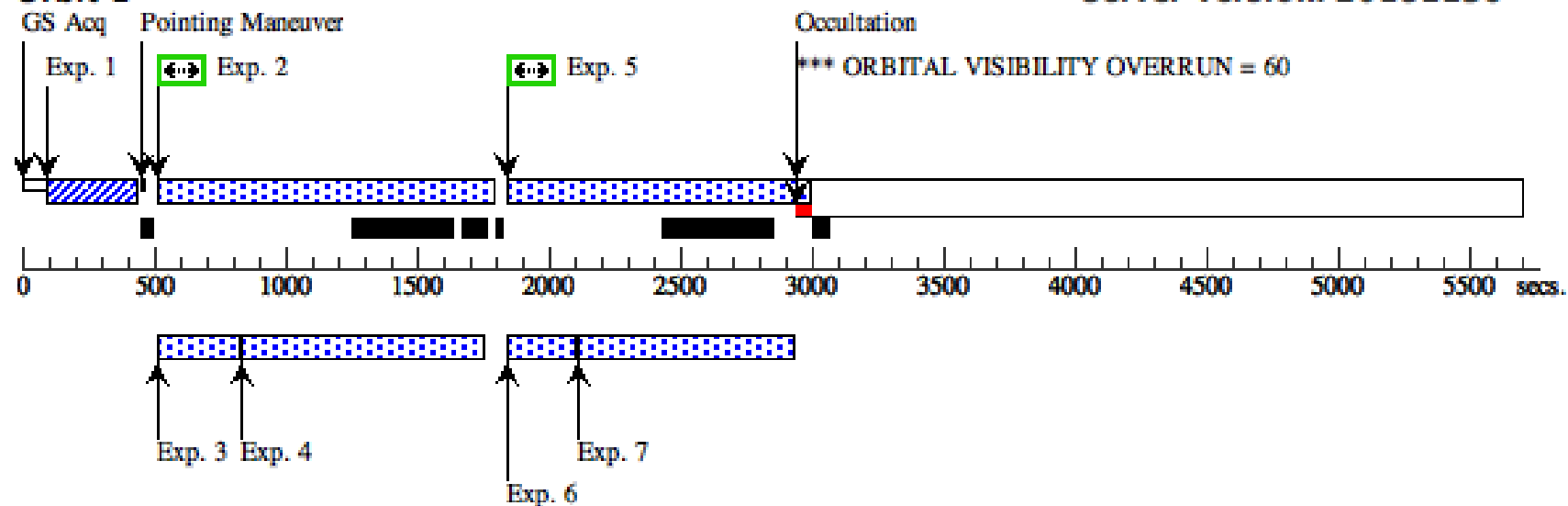
10	F160-14-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	Sequence 8-12 Non-Int in J2135-531(34) - 3 orbits - G130M+G160M - BaseOrient (M1) Prime + Parallel Group 8-10 in Sequence 8-12 Non-Int in J2135-531(34) - 3 orbits - G130M+G160M - BaseOrient (M1)	327.938986 Secs (327.939 Secs) [==>]	[2]
11	C1222/FP2 (COS.sp.101 655.7 3001)	(13) J213553.19-531	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=2; BUFFER-TIME=49 2	Sequence 8-12 Non-Int in J2135-531(34) - 3 orbits - G130M+G160M - BaseOrient (M1) Prime + Parallel Group 11-12 in Sequence 8-12 Non-Int in J2135-531(34) - 3 orbits - G130M+G160M - BaseOrient (M1)	593 Secs (593 Secs) [==>]	[2]
12	G141-12-S5 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S50	Sequence 8-12 Non-Int in J2135-531(34) - 3 orbits - G130M+G160M - BaseOrient (M1) Prime + Parallel Group 11-12 in Sequence 8-12 Non-Int in J2135-531(34) - 3 orbits - G130M+G160M - BaseOrient (M1)	552.937252 Secs (552.937 Secs) [==>]	[2]
13	C1222/FP3 (COS.sp.101 655.7 3001)	(13) J213553.19-531	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=3; BUFFER-TIME=20 00	Sequence 13-16 Non-Int in J2135-531(34) - 3 orbits - G130M+G160M - BaseOrient (M1) Prime + Parallel Group 13-16 in Sequence 13-16 Non-Int in J2135-531(34) - 3 orbits - G130M+G160M - BaseOrient (M1)	1198 Secs (1198 Secs) [==>]	[2]
14	G141-12-S5 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S50	Sequence 13-16 Non-Int in J2135-531(34) - 3 orbits - G130M+G160M - BaseOrient (M1) Prime + Parallel Group 13-16 in Sequence 13-16 Non-Int in J2135-531(34) - 3 orbits - G130M+G160M - BaseOrient (M1)	552.937252 Secs (552.937 Secs) [==>]	[2]

Proposal 15163 - J2135-531(34) - 3 orbits - G130M+G160M - BaseOrient (M1) - COS Ultraviolet Baryon Survey (CUBS)

15	F160-12-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=12; SAMP-SEQ=SPAR S25	Sequence 13-16 Non-Int in J2135-531(34) - 3 orbits - G130M+G160M - BaseOrient (M1) Prime + Parallel Group 13-16 in Sequence 13-16 Non-Int in J2135-531(34) - 3 orbits - G130M+G160M - BaseOrient (M1)	277.937956 Secs (277.938 Secs) [==>]	[2]
16	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Sequence 13-16 Non-Int in J2135-531(34) - 3 orbits - G130M+G160M - BaseOrient (M1) Prime + Parallel Group 13-16 in Sequence 13-16 Non-Int in J2135-531(34) - 3 orbits - G130M+G160M - BaseOrient (M1)	302.938471 Secs (302.938 Secs) [==>]	[2]
17	C1222/FP4 (COS.sp.101 655.7 2109)	(13) J213553.19-531	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=4; BUFFER-TIME=11 40	Prime + Parallel Group 17-19 in J2135-531(34) - 3 orbits - G130M+G160M - BaseOrient (M1)	1240 Secs (1240 Secs) [==>]	[3]
18	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25	Prime + Parallel Group 17-19 in J2135-531(34) - 3 orbits - G130M+G160M - BaseOrient (M1)	252.937441 Secs (252.937 Secs) [==>]	[3]
19	G102-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=10; SAMP-SEQ=SPAR S100	Prime + Parallel Group 17-19 in J2135-531(34) - 3 orbits - G130M+G160M - BaseOrient (M1)	902.935198 Secs (902.935 Secs) [==>]	[3]
20	C1291/FP3 (COS.sp.101 655.7 2109)	(13) J213553.19-531	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=20 00	Prime + Parallel Group 20-22 in J2135-531(34) - 3 orbits - G130M+G160M - BaseOrient (M1)	1269 Secs (1269 Secs) [==>]	[3]
21	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Group 20-22 in J2135-531(34) - 3 orbits - G130M+G160M - BaseOrient (M1)	302.938471 Secs (302.938 Secs) [==>]	[3]
22	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Group 20-22 in J2135-531(34) - 3 orbits - G130M+G160M - BaseOrient (M1)	1002.935521 Secs (1002.936 Secs) [==>]	[3]

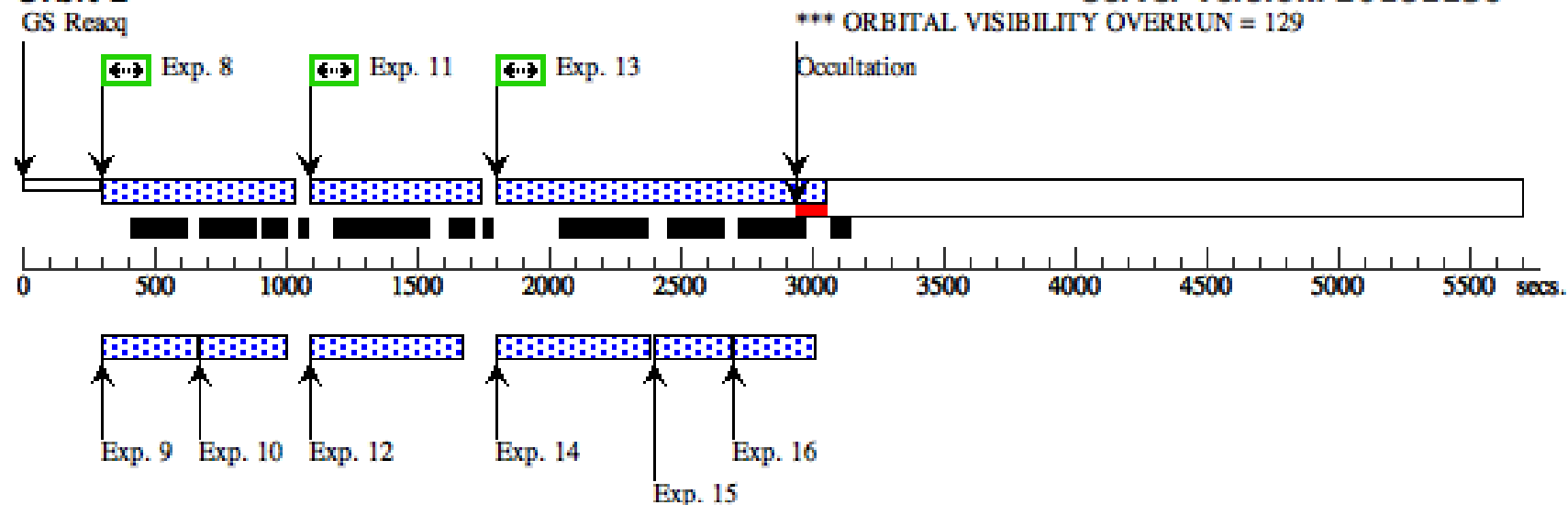
Orbit 1

Server Version: 20181130



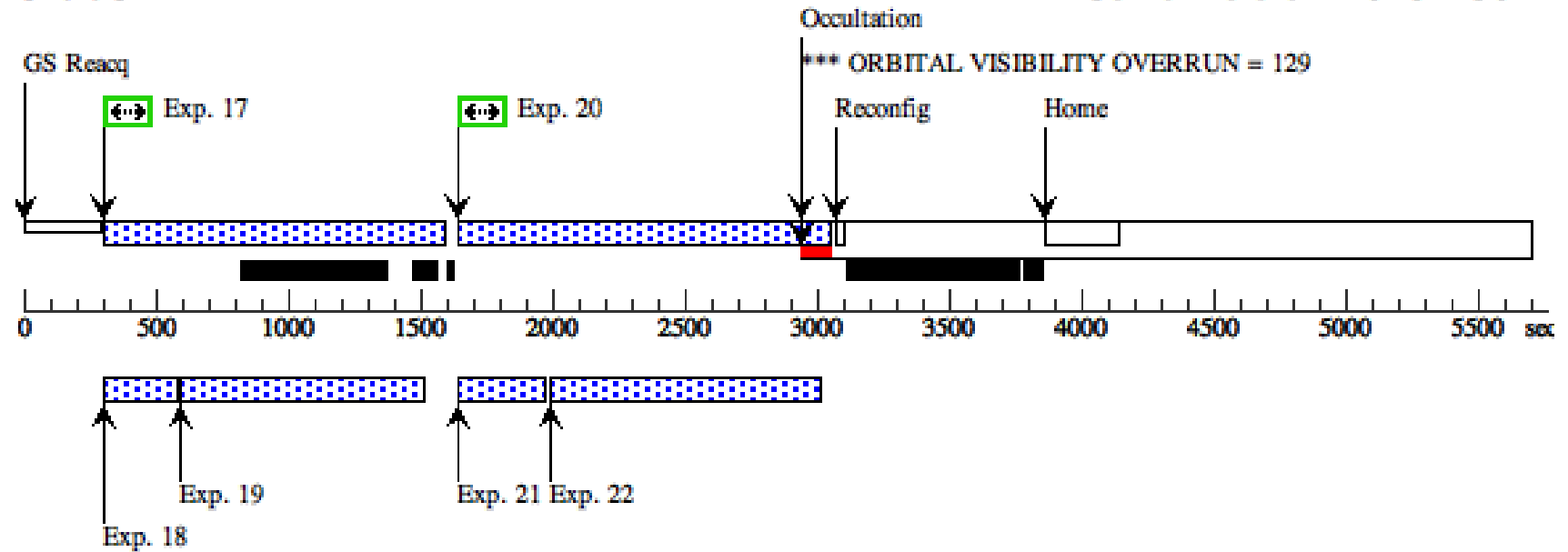
Orbit 2

Server Version: 20181130



Orbit 3

Server Version: 20181130



Proposal 15163 - J2135-531(34) - 4 orbits - G160M (M2) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J2135-531(34) - 4 orbits - G160M (M2), completed Tue Feb 26 23:04:22 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV Special Requirements: SCHED 100%; ORIENT 135D TO 112.8 D <i>Comments: There are 7 orbits on this target. This Visit has the 4 orbit s of G160M. See comment in M1</i>				
Diagnostics	(J2135-531(34) - 4 orbits - G160M (M2)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (J2135-531(34) - 4 orbits - G160M (M2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J2135-531(34) - 4 orbits - G160M (M2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J2135-531(34) - 4 orbits - G160M (M2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J2135-531(34) - 4 orbits - G160M (M2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(13)	J213553.19-531655.7	RA: 21 35 53.2020 (323.9716750d) Dec: -53 16 55.82 (-53.28217d) Equinox: J2000	Redshift: 0.806	V=15.8 fuv=17.13 nuv=15.94
Fixed Targets	Comments: Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO				

Proposal 15163 - J2135-531(34) - 4 orbits - G160M (M2) - COS Ultraviolet Baryon Survey (CUBS)

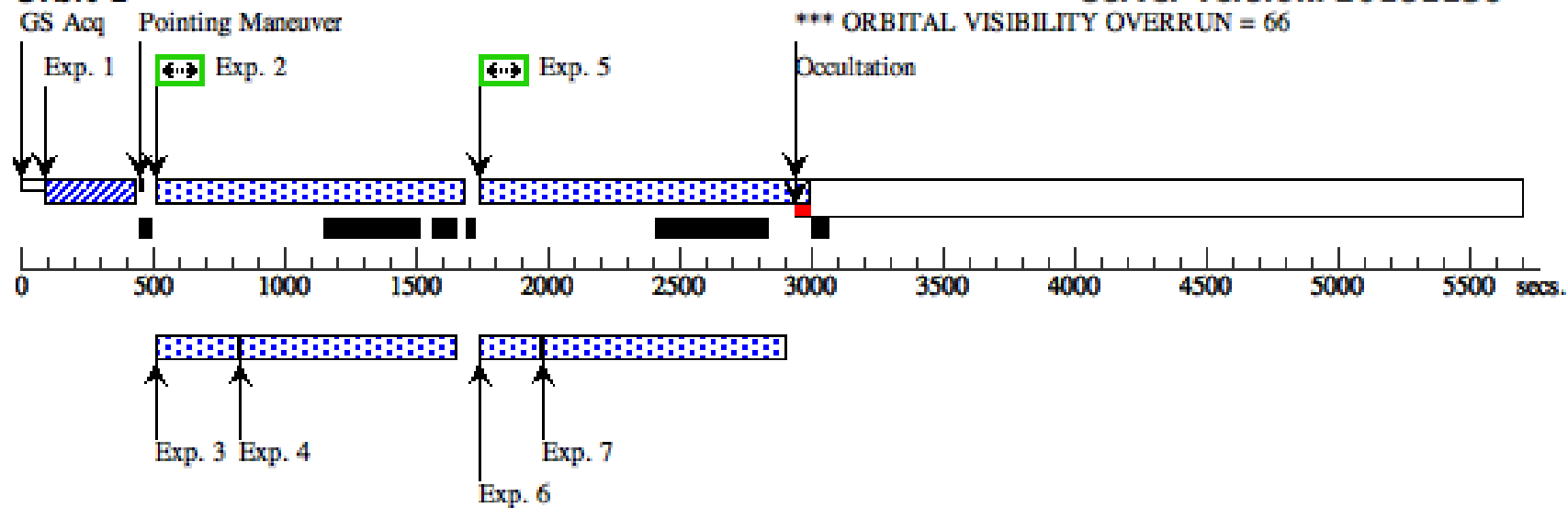
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9410)	(13) J213553.19-531 655.7	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				24 Secs (24 Secs) [==>]	[1]
	2	C1623/FP1 (COS.sp.101 2117)	(13) J213553.19-531 655.7	COS/FUV, TIME-TAG, PSA	G160M 1623 A	FP-POS=1; BUFFER-TIME=85 0		Prime + Parallel Gro up 2-4 in J2135-531(34) - 4 orbits - G160 M (M2)	950 Secs (950 Secs) [==>]	[1]
	3	F110-12-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=12; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-4 in J2135-531(34) - 4 orbits - G160 M (M2)	277.937956 Secs (277.938 Secs) [==>]	[1]
	4	G102-9-S10 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=9; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-4 in J2135-531(34) - 4 orbits - G160 M (M2)	802.934875 Secs (802.935 Secs) [==>]	[1]
	5	C1623/FP3 (COS.sp.101 2117)	(13) J213553.19-531 655.7	COS/FUV, TIME-TAG, PSA	G160M 1623 A	FP-POS=3; BUFFER-TIME=25 00		Prime + Parallel Gro up 5-7 in J2135-531(34) - 4 orbits - G160 M (M2)	1197 Secs (1197 Secs) [==>]	[1]
	6	F110-9-S25	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=9; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 5-7 in J2135-531(34) - 4 orbits - G160 M (M2)	202.936411 Secs (202.936 Secs) [==>]	[1]
	7	G102-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=10; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 5-7 in J2135-531(34) - 4 orbits - G160 M (M2)	902.935198 Secs (902.935 Secs) [==>]	[1]
	8	C1589/FP1 (COS.sp.101 2114)	(13) J213553.19-531 655.7	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=1; BUFFER-TIME=11 66		Prime + Parallel Gro up 8-10 in J2135-531 (34) - 4 orbits - G16 0M (M2)	1266 Secs (1266 Secs) [==>]	[2]
	9	F110-10-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=10; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 8-10 in J2135-531 (34) - 4 orbits - G16 0M (M2)	227.936926 Secs (227.937 Secs) [==>]	[2]
	10	G102-12-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=12; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 8-10 in J2135-531 (34) - 4 orbits - G16 0M (M2)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	11	C1589/FP3 (COS.sp.101 2114)	(13) J213553.19-531 655.7	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=3; BUFFER-TIME=25 00		Prime + Parallel Gro up 11-13 in J2135-53 1(34) - 4 orbits - G1 60M (M2)	1263 Secs (1263 Secs) [==>]	[2]
	12	G141-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-13 in J2135-53 1(34) - 4 orbits - G1 60M (M2)	902.935198 Secs (902.935 Secs) [==>]	[2]
	13	F160-15-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=15; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 11-13 in J2135-53 1(34) - 4 orbits - G1 60M (M2)	352.939501 Secs (352.94 Secs) [==>]	[2]
	14	C1577/FP1 (COS.sp.101 2114)	(13) J213553.19-531 655.7	COS/FUV, TIME-TAG, PSA	G160M 1577 A	FP-POS=1; BUFFER-TIME=11 64		Prime + Parallel Gro up 14-16 in J2135-53 1(34) - 4 orbits - G1 60M (M2)	1264 Secs (1264 Secs) [==>]	[3]

Proposal 15163 - J2135-531(34) - 4 orbits - G160M (M2) - COS Ultraviolet Baryon Survey (CUBS)

15	F160-15-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=15; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 14-16 in J2135-53 1(34) - 4 orbits - G1 60M (M2)	352.939501 Secs (352.94 Secs) [==>]	[3]
16	G141-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 14-16 in J2135-53 1(34) - 4 orbits - G1 60M (M2)	902.935198 Secs (902.935 Secs) [==>]	[3]
17	C1577/FP3 (COS.sp.101 655.7 2114)	(13) J213553.19-531	COS/FUV, TIME-TAG, PSA	G160M 1577 A	FP-POS=3; BUFFER-TIME=25 00	Prime + Parallel Gro up 17-19 in J2135-53 1(34) - 4 orbits - G1 60M (M2)	1269 Secs (1269 Secs) [==>]	[3]
18	F160-14-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 17-19 in J2135-53 1(34) - 4 orbits - G1 60M (M2)	327.938986 Secs (327.939 Secs) [==>]	[3]
19	G141-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 17-19 in J2135-53 1(34) - 4 orbits - G1 60M (M2)	902.935198 Secs (902.935 Secs) [==>]	[3]
20	C1611/FP1 (COS.sp.101 655.7 2117)	(13) J213553.19-531	COS/FUV, TIME-TAG, PSA	G160M 1611 A	FP-POS=1; BUFFER-TIME=11 62	Prime + Parallel Gro up 20-22 in J2135-53 1(34) - 4 orbits - G1 60M (M2)	1262 Secs (1262 Secs) [==>]	[4]
21	F110-10-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=10; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 20-22 in J2135-53 1(34) - 4 orbits - G1 60M (M2)	227.936926 Secs (227.937 Secs) [==>]	[4]
22	G102-12-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=12; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 20-22 in J2135-53 1(34) - 4 orbits - G1 60M (M2)	1102.935844 Secs (1102.936 Secs) [==>]	[4]
23	C1611/FP3 (COS.sp.101 655.7 2117)	(13) J213553.19-531	COS/FUV, TIME-TAG, PSA	G160M 1611 A	FP-POS=3; BUFFER-TIME=25 00	Prime + Parallel Gro up 23-25 in J2135-53 1(34) - 4 orbits - G1 60M (M2)	1266 Secs (1266 Secs) [==>]	[4]
24	F110-10-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=10; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 23-25 in J2135-53 1(34) - 4 orbits - G1 60M (M2)	227.936926 Secs (227.937 Secs) [==>]	[4]
25	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 23-25 in J2135-53 1(34) - 4 orbits - G1 60M (M2)	1002.935521 Secs (1002.936 Secs) [==>]	[4]

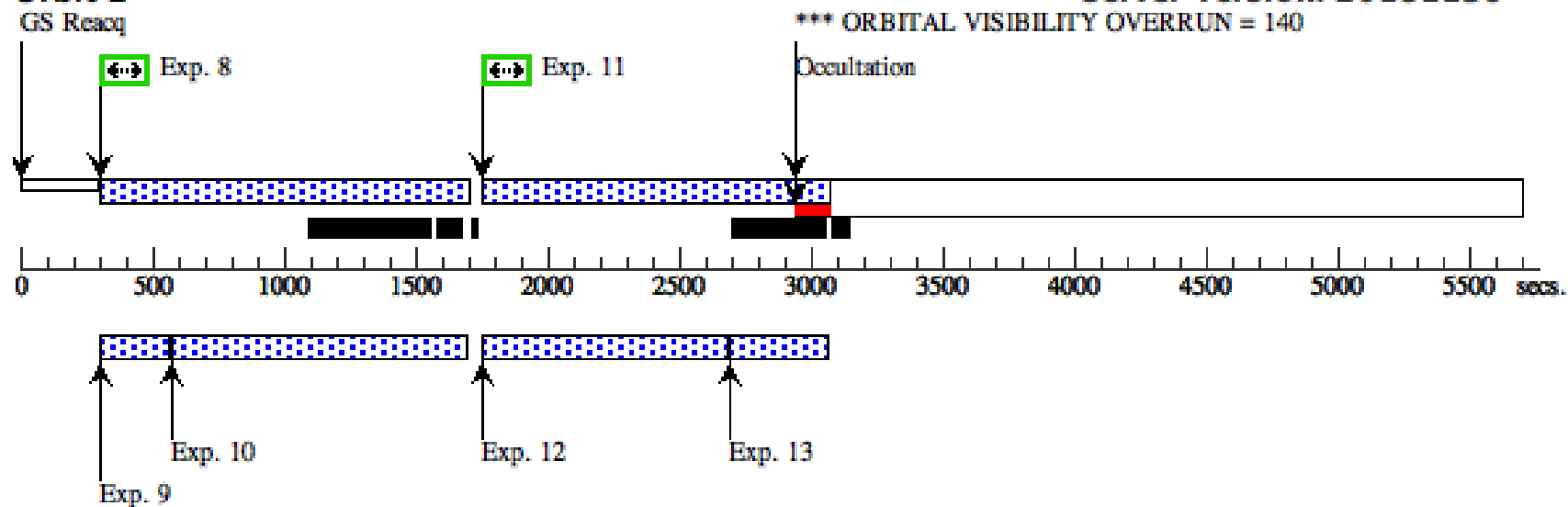
Orbit 1

Server Version: 20181130



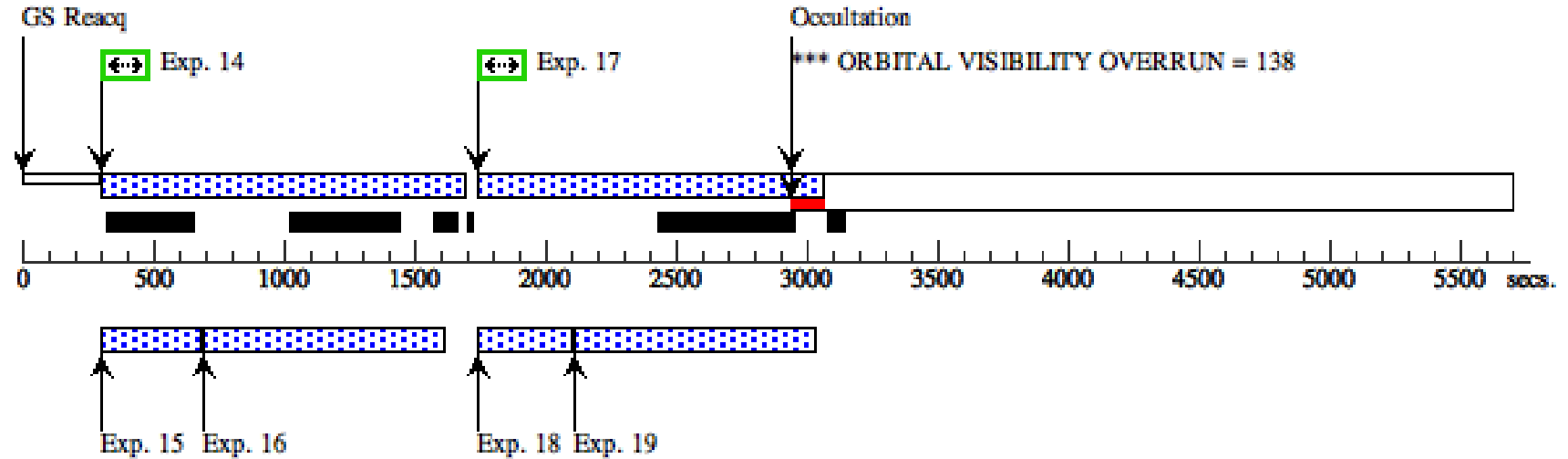
Orbit 2

Server Version: 20181130



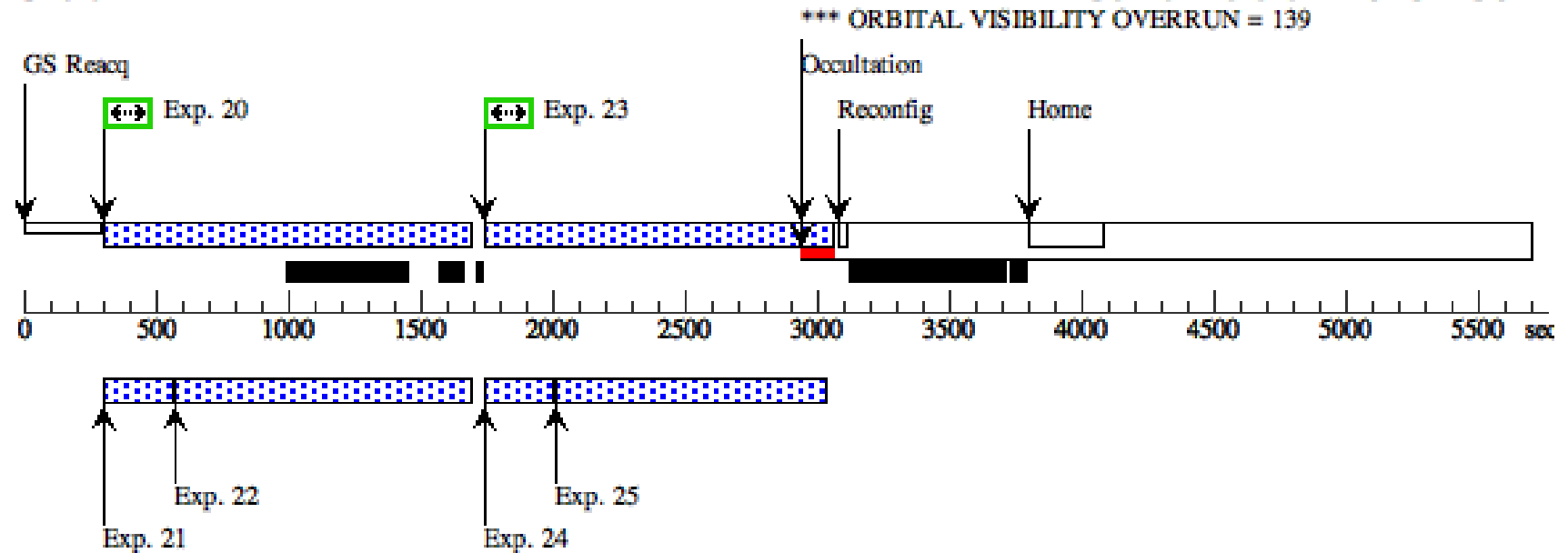
Orbit 3

Server Version: 20181130



Orbit 4

Server Version: 20181130



Proposal 15163 - J0248-404(12) - 4 orbits - G130M - BaseOrient (G1) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J0248-404(12) - 4 orbits - G130M - BaseOrient (G1), completed					Tue Feb 26 23:04:22 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100% Comments: This target has 4 orbits. This visit contains 2 G130M orbits and 2 G160M orbits. 1 orbits C1223 + 1 orbit C1291 0.5 orbits C1577 + 0.5 orbits C1589 + 0.5 orbits C1611 + 0.5 orbits C1623 G1 : TA C1589FP1 + C1589FP3 + C1611FP1 + C1611FP3 + C1577FP1 + C1577FP3 + C1623FP1 + C1623FP3 + C1291F34 + C1223F12 + C1223F34 + C1291FP34					
Diagnostics	(J0248-404(12) - 4 orbits - G130M - BaseOrient (G1)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.					
	(J0248-404(12) - 4 orbits - G130M - BaseOrient (G1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0248-404(12) - 4 orbits - G130M - BaseOrient (G1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0248-404(12) - 4 orbits - G130M - BaseOrient (G1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0248-404(12) - 4 orbits - G130M - BaseOrient (G1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(7)	J024806.20-404835.0	RA: 02 48 6.2860 (42.0261917d) Dec: -40 48 33.66 (-40.80935d) Equinox: J2000	Redshift: 0.883	V=15.1 fuv=16.11 nuv=15.47	Reference Frame: ICRS
	Comments: Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO					

Proposal 15163 - J0248-404(12) - 4 orbits - G130M - BaseOrient (G1) - COS Ultraviolet Baryon Survey (CUBS)

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9404)	(7) J024806.20-4048 35.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				16 Secs (16 Secs) [==>]	[1]
	2	C1589/FP1 (COS.sp.101 2114)	(7) J024806.20-4048 35.0	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=1; BUFFER-TIME=25 00			460 Secs (460 Secs) [==>]	[1]
	3	C1589/FP3 (COS.sp.101 2114)	(7) J024806.20-4048 35.0	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=3; BUFFER-TIME=25 00			462 Secs (462 Secs) [==>]	[1]
	4	C1623/FP1 (COS.sp.101 2117)	(7) J024806.20-4048 35.0	COS/FUV, TIME-TAG, PSA	G160M 1623 A	FP-POS=1; BUFFER-TIME=25 00			462 Secs (462 Secs) [==>]	[1]
	5	C1623/FP3 (COS.sp.101 2117)	(7) J024806.20-4048 35.0	COS/FUV, TIME-TAG, PSA	G160M 1623 A	FP-POS=3; BUFFER-TIME=25 00			460 Secs (460 Secs) [==>]	[1]
	6	C1577/FP1 (COS.sp.101 2114)	(7) J024806.20-4048 35.0	COS/FUV, TIME-TAG, PSA	G160M 1577 A	FP-POS=1; BUFFER-TIME=45 2			561 Secs (561 Secs) [==>]	[2]
	7	C1577/FP3 (COS.sp.101 2114)	(7) J024806.20-4048 35.0	COS/FUV, TIME-TAG, PSA	G160M 1577 A	FP-POS=3; BUFFER-TIME=25 00			562 Secs (562 Secs) [==>]	[2]
	8	C1611/FP1 (COS.sp.101 2117)	(7) J024806.20-4048 35.0	COS/FUV, TIME-TAG, PSA	G160M 1611 A	FP-POS=1; BUFFER-TIME=25 00			561 Secs (561 Secs) [==>]	[2]
	9	C1611/FP3 (COS.sp.101 2117)	(7) J024806.20-4048 35.0	COS/FUV, TIME-TAG, PSA	G160M 1611 A	FP-POS=3; BUFFER-TIME=25 00			566 Secs (566 Secs) [==>]	[2]
	10	C1291/FP3 (COS.sp.101 2109)	(7) J024806.20-4048 35.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=45 8			558 Secs (558 Secs) [==>]	[3]
	11	C1291/FP4 (COS.sp.101 2109)	(7) J024806.20-4048 35.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=45 7			557 Secs (557 Secs) [==>]	[3]
	12	C1222/FP1 (COS.sp.101 3001)	(7) J024806.20-4048 35.0	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=1; BUFFER-TIME=47 0			570 Secs (570 Secs) [==>]	[3]
	13	C1222/FP2 (COS.sp.101 3001)	(7) J024806.20-4048 35.0	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=2; BUFFER-TIME=10 00			572 Secs (572 Secs) [==>]	[3]
	14	C1222/FP3 (COS.sp.101 3001)	(7) J024806.20-4048 35.0	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=3; BUFFER-TIME=47 6			576 Secs (576 Secs) [==>]	[4]
	15	C1222/FP4 (COS.sp.101 3001)	(7) J024806.20-4048 35.0	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=4; BUFFER-TIME=47 6			576 Secs (576 Secs) [==>]	[4]

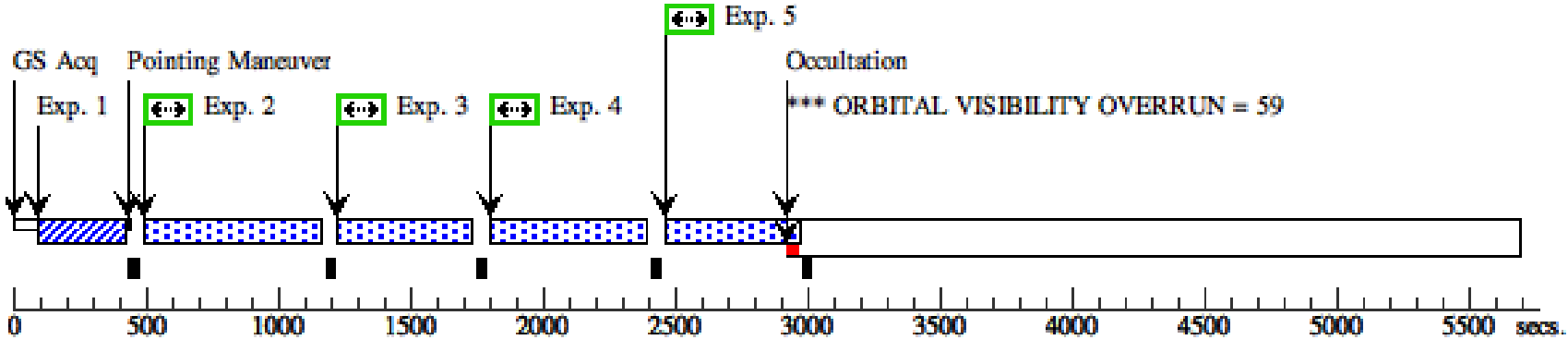
Proposal 15163 - J0248-404(12) - 4 orbits - G130M - BaseOrient (G1) - COS Ultraviolet Baryon Survey (CUBS)

	16	C1291/FP3 (COS.sp.101 35.0 2109)	(7) J024806.20-4048	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=45 0	550 Secs (550 Secs)	
							[==>]	[4]
							<i>Comments: Repeat C1291 FP3&4 in the hopes of getting a slightly differeret FP-POS & Fixed pattern Noise.</i>	
	17	C1291/FP4 (COS.sp.101 35.0 2109)	(7) J024806.20-4048	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=10 00	557 Secs (557 Secs)	
							[==>]	[4]
							<i>Comments: Repeat C1291 FP3&4 in the hopes of getting a slightly differeret FP-POS & Fixed pattern Noise.</i>	

Orbit Structure

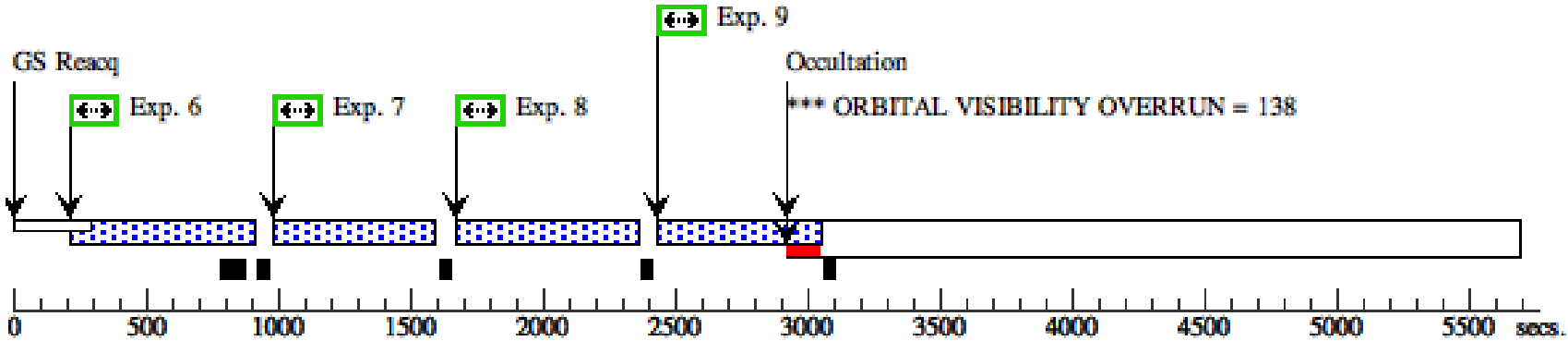
Orbit 1

Server Version: 20181130



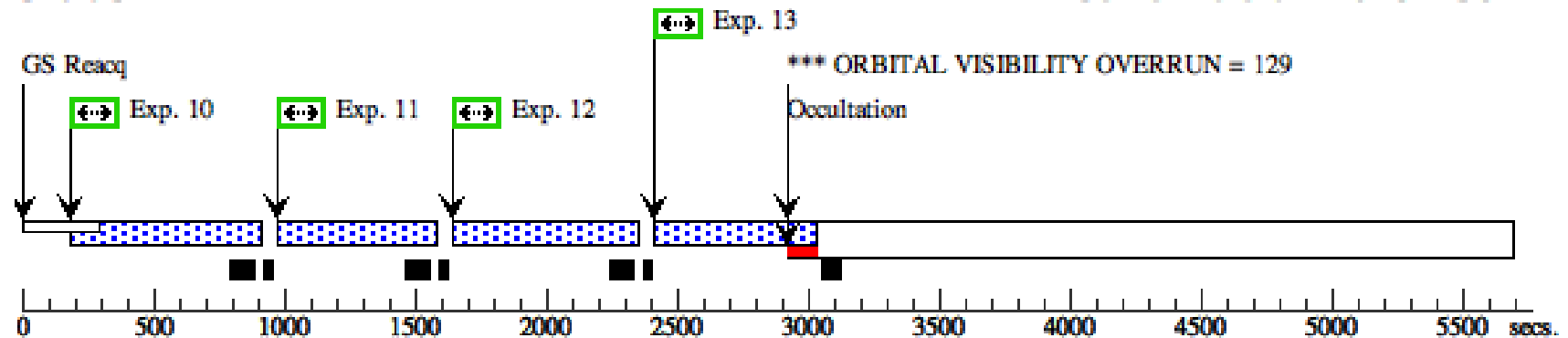
Orbit 2

Server Version: 20181130



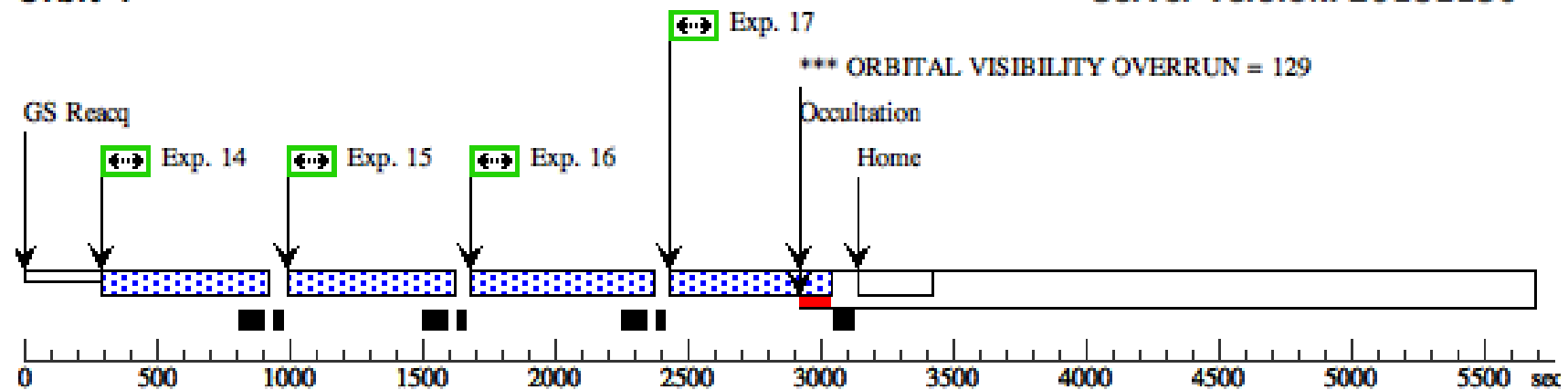
Orbit 3

Server Version: 20181130



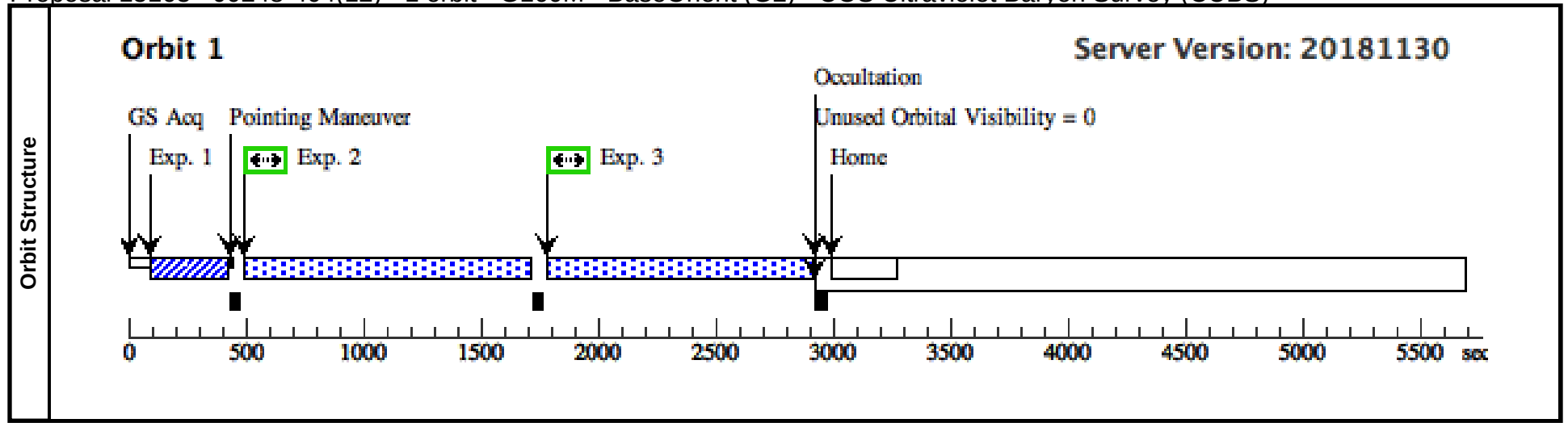
Orbit 4

Server Version: 20181130



Proposal 15163 - J0248-404(12) - 1 orbit - G160M - BaseOrient (G2) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J0248-404(12) - 1 orbit - G160M - BaseOrient (G2)										Tue Feb 26 23:04:22 GMT 2019			
	Diagnostic Status: Warning													
	Scientific Instruments: COS/FUV, COS/NUV													
	Special Requirements: SCHED 100%													
	Comments: This target has 4 + 1orbits. This visit 1 G160M orbit. 1 orbits C1223 + 1 orbit C1291 0.5 orbits C1577 + 0.5 orbits C1589 + 0.5 orbits C1611 + 0.5 orbits C1623 G2 : TA C1611FP2 + C1623FP2													
Diagnostics	(J0248-404(12) - 1 orbit - G160M - BaseOrient (G2)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.													
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous					
	(7)	J024806.20-404835.0	RA: 02 48 6.2860 (42.0261917d) Dec: -40 48 33.66 (-40.80935d) Equinox: J2000		Redshift: 0.883		V=15.1 fuv=16.11 nuv=15.47		Reference Frame: ICRS					
	Comments:													
	Category=EXT-MEDIUM													
	Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO													
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit		
	1	ACQ/IMAG E (COS.sp.100 9404)	(7) J024806.20-4048 35.0	COS/NUV, ACQ/IMAGE, PSA		MIRRORB				16 Secs (16 Secs)				
										[==>]		[1]		
	2	C1611/FP2 (COS.sp.101 2114)	(7) J024806.20-4048 35.0	COS/FUV, TIME-TAG, PSA		G160M 1611 A	FP-POS=2; BUFFER-TIME=36 00				1002 Secs (1002 Secs)			
										[==>]		[1]		
	3	C1623/FP2 (COS.sp.101 2117)	(7) J024806.20-4048 35.0	COS/FUV, TIME-TAG, PSA		G160M 1623 A	FP-POS=2; BUFFER-TIME=30 00				1003 Secs (1003 Secs)			
										[==>]		[1]		



Proposal 15163 - J0111-031(68) - 4 orbits - G130M - BaseOrient (C1) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J0111-031(68) - 4 orbits - G130M - BaseOrient (C1), completed				Tue Feb 26 23:04:22 GMT 2019	
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%					
	Comments: This target has 15 orbits. This visit contains 6 G130M orbits+ 8 G160M orbits 3 orbits C1223 + 3 orbits C1291 2 orbits C1577 + 2 orbits C1589 + 2 orbits C1611 + 2 orbits C1623 C1 : 4G130M TAC1291F3 + C1291F4 + C1223F12 + C1223F3 C2 : 2G130M TAC1589F4 + C1291F3 + C1223F4 C3 : 4G160M TAC1611F2 + C1577F2 + C1577F4 C4 : 4G160M TAC1589F2 + C1611F4 + C1623F2 + G1623F4					
Diagnostics	(J0111-031(68) - 4 orbits - G130M - BaseOrient (C1)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.					
	(J0111-031(68) - 4 orbits - G130M - BaseOrient (C1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0111-031(68) - 4 orbits - G130M - BaseOrient (C1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0111-031(68) - 4 orbits - G130M - BaseOrient (C1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0111-031(68) - 4 orbits - G130M - BaseOrient (C1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	J011139.16-031610.8	RA: 01 11 39.1700 (17.9132083d)	Redshift: 1.234	V=15.5	Reference Frame: ICRS
			Dec: -03 16 10.89 (-3.26969d)		fuv = 18.5 nuv=16.7	
			Equinox: J2000			
	Comments: Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO					

Proposal 15163 - J0111-031(68) - 4 orbits - G130M - BaseOrient (C1) - COS Ultraviolet Baryon Survey (CUBS)

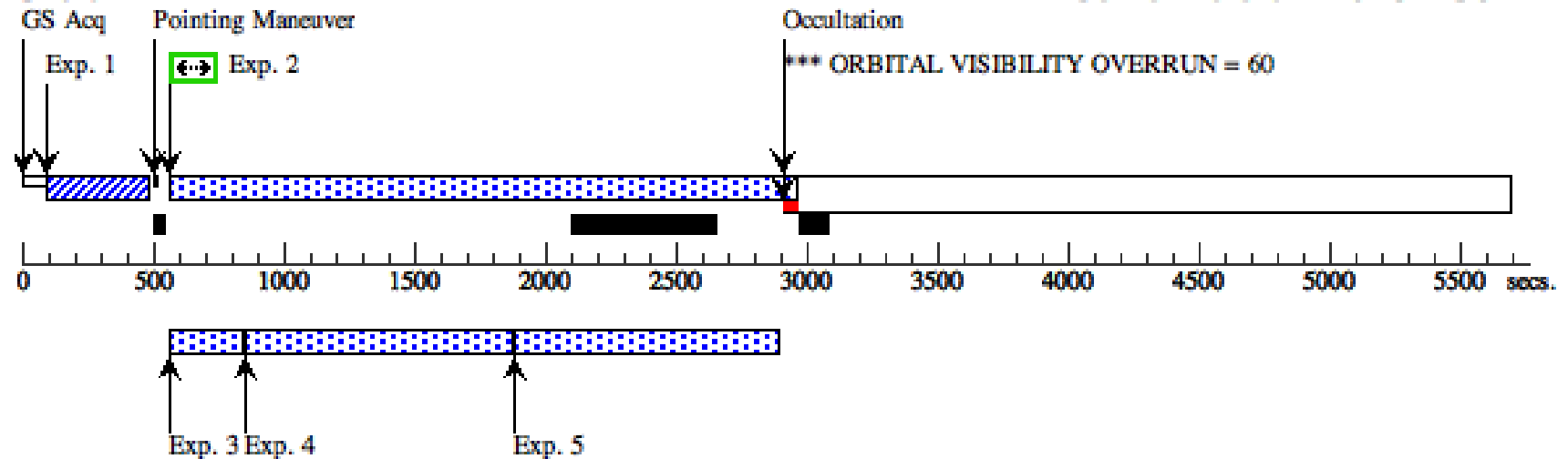
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9400)	(3) J011139.16-0316 10.8	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				49 Secs (49 Secs) [==>]	[1]
	2	C1291/FP3 (COS.sp.101 2122)	(3) J011139.16-0316 10.8	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=21 45		Prime + Parallel Gro up 2-5 in J0111-031(68) - 4 orbits - G130M - BaseOrient (C1)	2234.8 Secs (2234.8 Secs) [==>]	[1]
	3	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J0111-031(68) - 4 orbits - G130M - BaseOrient (C1)	252.937441 Secs (252.937 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0111-031(68) - 4 orbits - G130M - BaseOrient (C1)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0111-031(68) - 4 orbits - G130M - BaseOrient (C1)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1291/FP4 (COS.sp.101 2122)	(3) J011139.16-0316 10.8	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=25 00		Prime + Parallel Gro up 6-10 in J0111-031(68) - 4 orbits - G130M - BaseOrient (C1)	2687 Secs (2687 Secs) [==>]	[2]
	7	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0111-031(68) - 4 orbits - G130M - BaseOrient (C1)	252.937441 Secs (252.937 Secs) [==>]	[2]
	8	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0111-031(68) - 4 orbits - G130M - BaseOrient (C1)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	9	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0111-031(68) - 4 orbits - G130M - BaseOrient (C1)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	10	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0111-031(68) - 4 orbits - G130M - BaseOrient (C1)	252.937441 Secs (252.937 Secs) [==>]	[2]
	11	C1222/FP1 (COS.sp.101 3001)	(3) J011139.16-0316 10.8	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=1; BUFFER-TIME=11 00		Prime + Parallel Gro up 11-13 in J0111-031(68) - 4 orbits - G130M - BaseOrient (C1)	1200 Secs (1200 Secs) [==>]	[3]
	12	F110-12-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=12; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 11-13 in J0111-031(68) - 4 orbits - G130M - BaseOrient (C1)	277.937956 Secs (277.938 Secs) [==>]	[3]
	13	G102-15-S5 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-13 in J0111-031(68) - 4 orbits - G130M - BaseOrient (C1)	1002.935521 Secs (1002.936 Secs) [==>]	[3]

Proposal 15163 - J0111-031(68) - 4 orbits - G130M - BaseOrient (C1) - COS Ultraviolet Baryon Survey (CUBS)

14	C1222/FP2 (COS.sp.101 10.8 3001)	(3) J011139.16-0316	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=2; BUFFER-TIME=20 00	Prime + Parallel Gro up 14-16 in J0111-03 1(68) - 4 orbits - G13 0M - BaseOrient (C1)	1285 Secs (1285 Secs) [==>]	[3]
15	F160-15-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=15; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 14-16 in J0111-03 1(68) - 4 orbits - G13 0M - BaseOrient (C1)	352.939501 Secs (352.94 Secs) [==>]	[3]
16	G141-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 14-16 in J0111-03 1(68) - 4 orbits - G13 0M - BaseOrient (C1)	902.935198 Secs (902.935 Secs) [==>]	[3]
17	C1222/FP3 (COS.sp.101 10.8 3001)	(3) J011139.16-0316	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=3; BUFFER-TIME=11 95	Prime + Parallel Gro up 17-19 in J0111-03 1(68) - 4 orbits - G13 0M - BaseOrient (C1)	1295 Secs (1295 Secs) [==>]	[4]
18	G141-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 17-19 in J0111-03 1(68) - 4 orbits - G13 0M - BaseOrient (C1)	902.935198 Secs (902.935 Secs) [==>]	[4]
19	F160-15-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=15; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 17-19 in J0111-03 1(68) - 4 orbits - G13 0M - BaseOrient (C1)	352.939501 Secs (352.94 Secs) [==>]	[4]
20	C1222/FP4 (COS.sp.101 10.8 3001)	(3) J011139.16-0316	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=4; BUFFER-TIME=20 00	Prime + Parallel Gro up 20-22 in J0111-03 1(68) - 4 orbits - G13 0M - BaseOrient (C1)	1287 Secs (1287 Secs) [==>]	[4]
21	G141-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 20-22 in J0111-03 1(68) - 4 orbits - G13 0M - BaseOrient (C1)	902.935198 Secs (902.935 Secs) [==>]	[4]
22	F160-15-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=15; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 20-22 in J0111-03 1(68) - 4 orbits - G13 0M - BaseOrient (C1)	352.939501 Secs (352.94 Secs) [==>]	[4]

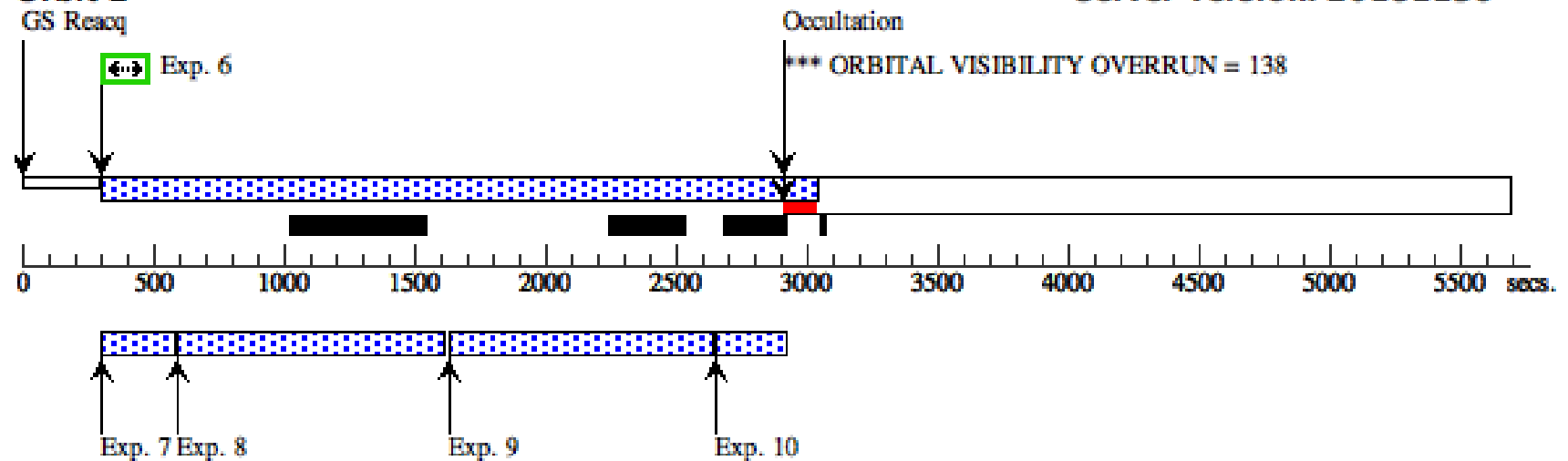
Orbit 1

Server Version: 20181130



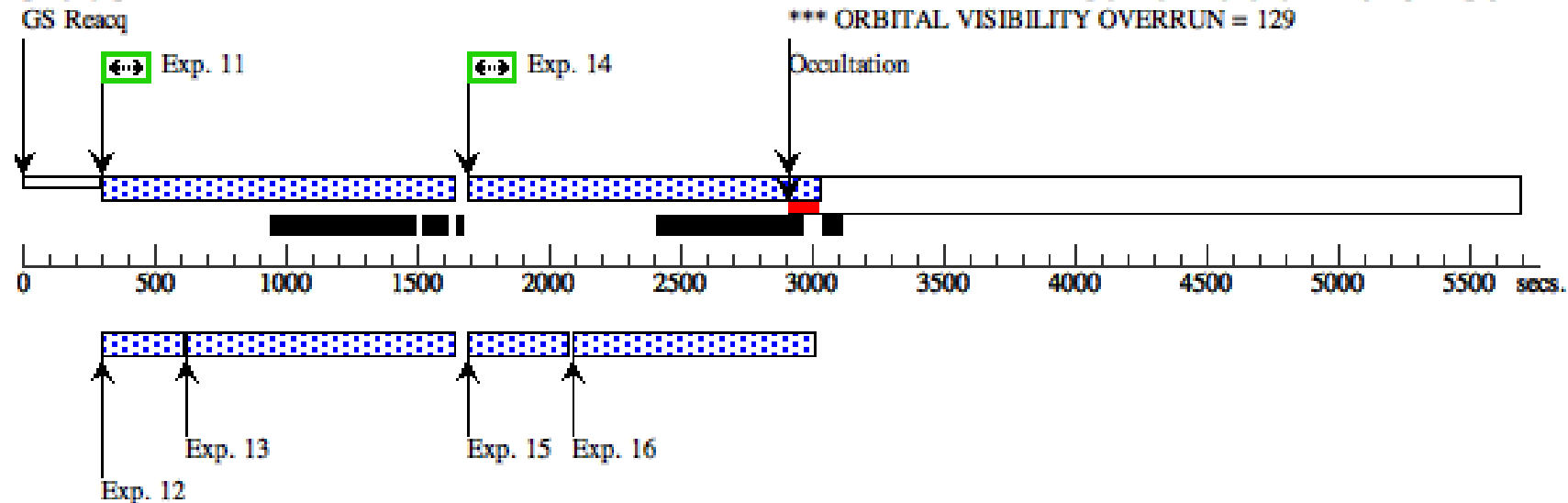
Orbit 2

Server Version: 20181130



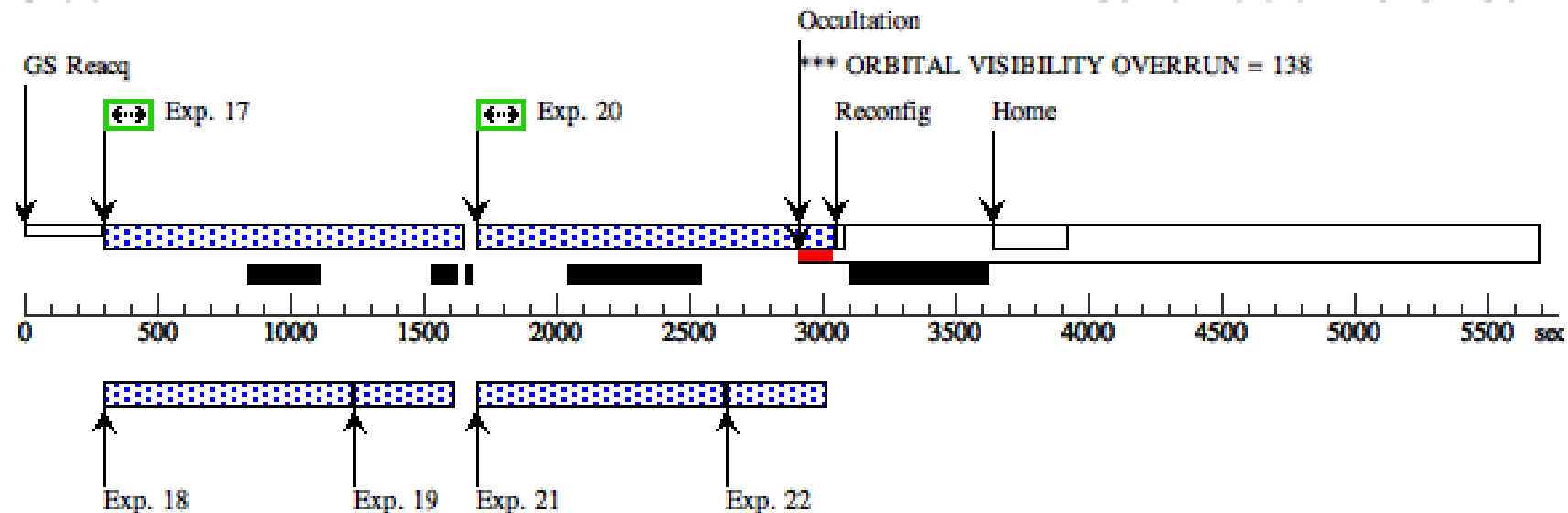
Orbit 3

Server Version: 20181130



Orbit 4

Server Version: 20181130



Proposal 15163 - J0111-031(68) - 3 orbits - G130M (C2) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J0111-031(68) - 3 orbits - G130M (C2), completed					Tue Feb 26 23:04:22 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%					
	Comments: See comment in C1					
Diagnostics	(J0111-031(68) - 3 orbits - G130M (C2)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.					
	(J0111-031(68) - 3 orbits - G130M (C2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0111-031(68) - 3 orbits - G130M (C2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0111-031(68) - 3 orbits - G130M (C2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0111-031(68) - 3 orbits - G130M (C2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	J011139.16-031610.8	RA: 01 11 39.1700 (17.9132083d) Dec: -03 16 10.89 (-3.26969d) Equinox: J2000	Redshift: 1.234	V=15.5 fuv = 18.5 nuv=16.7	Reference Frame: ICRS
	Comments:					
	Category=EXT-MEDIUM					
	Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO					

Proposal 15163 - J0111-031(68) - 3 orbits - G130M (C2) - COS Ultraviolet Baryon Survey (CUBS)

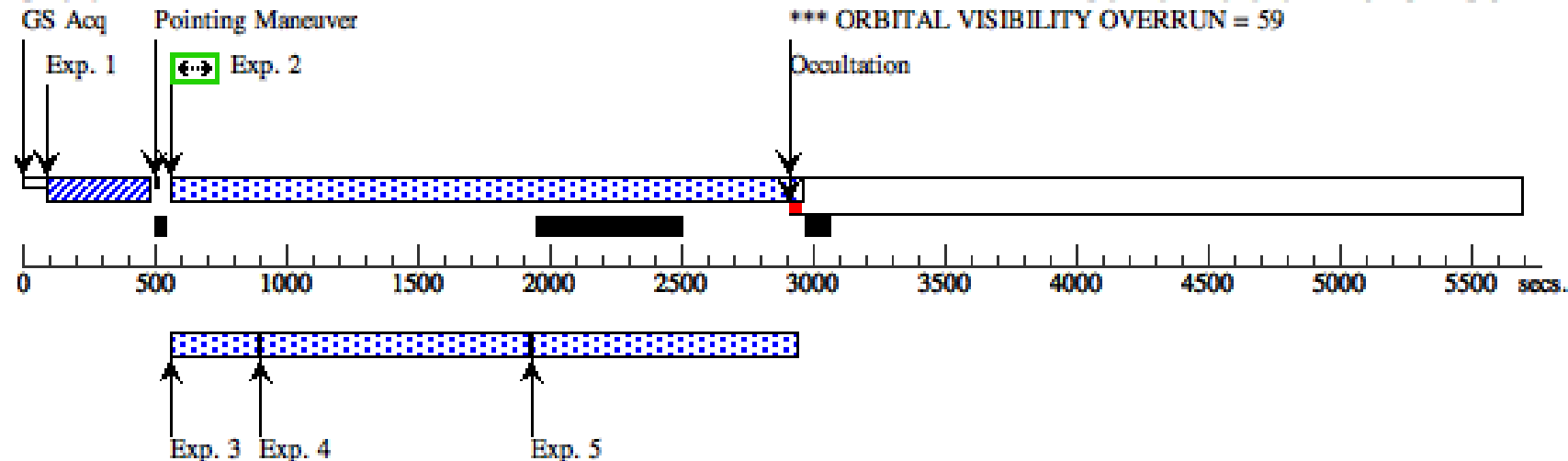
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9400)	(3) J011139.16-0316 10.8	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				49 Secs (49 Secs) [==>]	[1]
	2	C1589/F4 (COS.sp.101 2137)	(3) J011139.16-0316 10.8	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=4; BUFFER-TIME=25 00		Prime + Parallel Gro up 2-5 in J0111-031(68) - 3 orbits - G130 M (C2)	2191 Secs (2191 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J0111-031(68) - 3 orbits - G130 M (C2)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0111-031(68) - 3 orbits - G130 M (C2)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0111-031(68) - 3 orbits - G130 M (C2)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1291/FP3 (COS.sp.101 2122)	(3) J011139.16-0316 10.8	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=28 00		Prime + Parallel Gro up 6-10 in J0111-031 (68) - 3 orbits - G130 M (C2)	2569 Secs (2569 Secs) [==>]	[2]
	7	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0111-031 (68) - 3 orbits - G130 M (C2)	302.938471 Secs (302.938 Secs) [==>]	[2]
	8	G102-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=10; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0111-031 (68) - 3 orbits - G130 M (C2)	902.935198 Secs (902.935 Secs) [==>]	[2]
	9	G102-12-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=12; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0111-031 (68) - 3 orbits - G130 M (C2)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	10	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0111-031 (68) - 3 orbits - G130 M (C2)	302.938471 Secs (302.938 Secs) [==>]	[2]
	11	C1222/FP4 (COS.sp.101 2122)	(3) J011139.16-0316 10.8	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=4; BUFFER-TIME=28 00		Prime + Parallel Gro up 11-15 in J0111-03 1(68) - 3 orbits - G13 0M (C2)	2590 Secs (2590 Secs) [==>]	[3]
	12	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 11-15 in J0111-03 1(68) - 3 orbits - G13 0M (C2)	302.938471 Secs (302.938 Secs) [==>]	[3]
	13	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-15 in J0111-03 1(68) - 3 orbits - G13 0M (C2)	1002.935521 Secs (1002.936 Secs) [==>]	[3]
	14	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-15 in J0111-03 1(68) - 3 orbits - G13 0M (C2)	1002.935521 Secs (1002.936 Secs) [==>]	[3]

Proposal 15163 - J0111-031(68) - 3 orbits - G130M (C2) - COS Ultraviolet Baryon Survey (CUBS)

	15	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 11-15 in J0111-03 1(68) - 3 orbits - G13 0M (C2)	302.938471 Secs (302.938 Secs)	
								[==>]	[3]

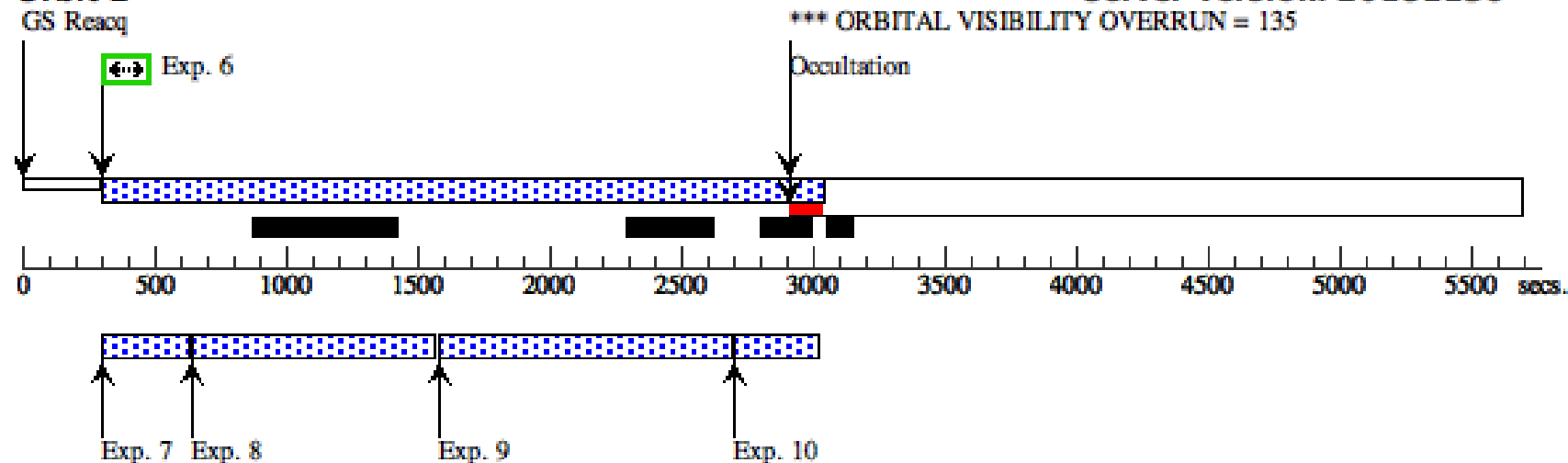
Orbit 1

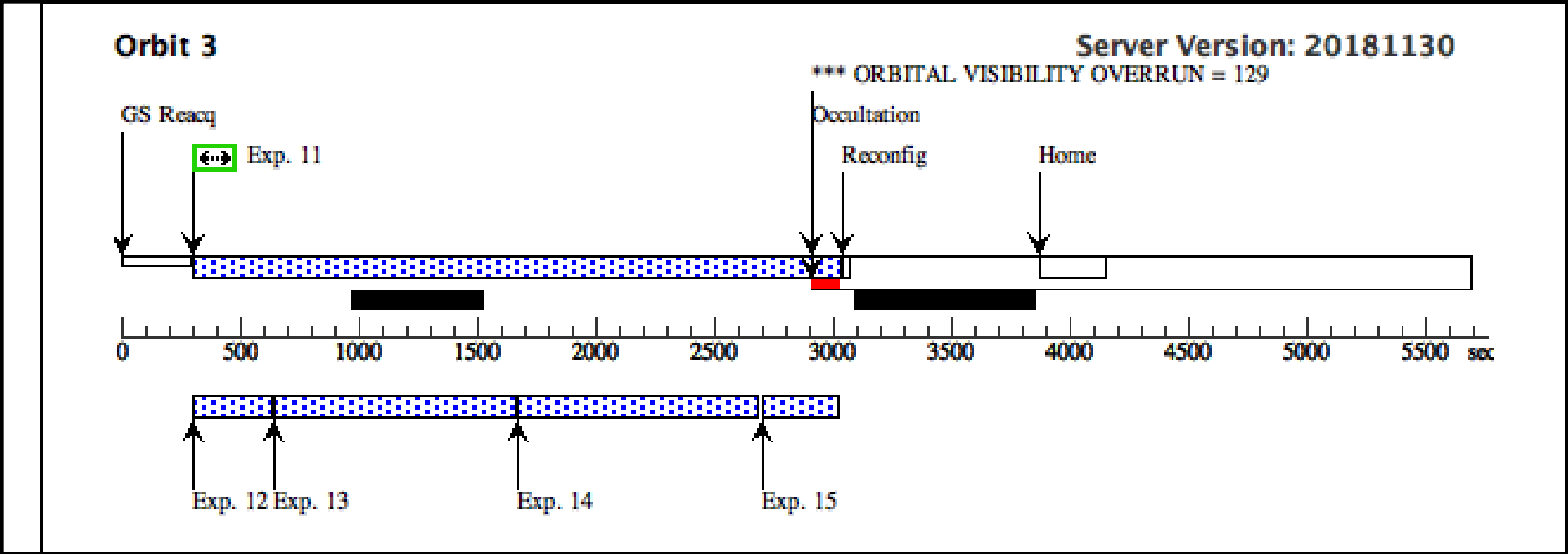
Server Version: 20181130



Orbit 2

Server Version: 20181130





Proposal 15163 - J0111-031(68) - 4 orbits - G160M (C3) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J0111-031(68) - 4 orbits - G160M (C3), completed Tue Feb 26 23:04:22 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV Special Requirements: SCHED 100% <i>Comments: see comment in C1</i>				
Diagnostics	(J0111-031(68) - 4 orbits - G160M (C3)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (J0111-031(68) - 4 orbits - G160M (C3)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS (J0111-031(68) - 4 orbits - G160M (C3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J0111-031(68) - 4 orbits - G160M (C3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J0111-031(68) - 4 orbits - G160M (C3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J0111-031(68) - 4 orbits - G160M (C3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(3)	J011139.16-031610.8	RA: 01 11 39.1700 (17.9132083d) Dec: -03 16 10.89 (-3.26969d) Equinox: J2000	Redshift: 1.234 	V=15.5 fuv = 18.5 nuv=16.7
Fixed Targets	<i>Comments:</i> Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO				

Proposal 15163 - J0111-031(68) - 4 orbits - G160M (C3) - COS Ultraviolet Baryon Survey (CUBS)

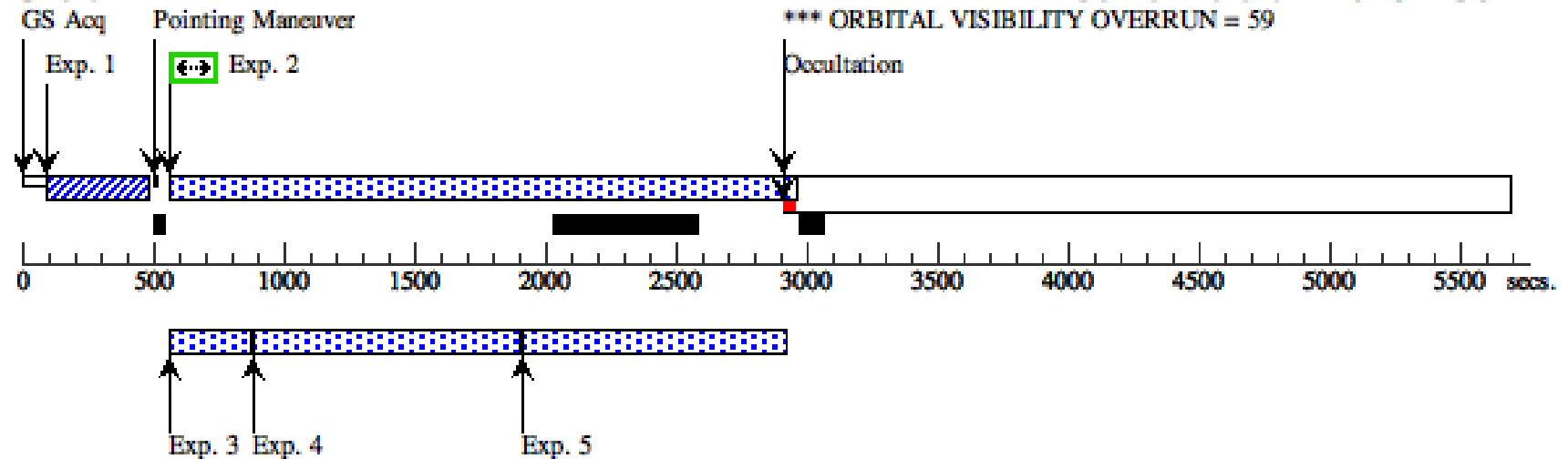
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9400)	(3) J011139.16-0316 10.8	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				49 Secs (49 Secs) [==>]	[1]
	2	C1589/FP2 (COS.sp.101 2137)	(3) J011139.16-0316 10.8	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=2; BUFFER-TIME=25 00		Prime + Parallel Gro up 2-5 in J0111-031(68) - 4 orbits - G160 M (C3)	2191 Secs (2191 Secs) [==>]	[1]
	3	F110-12-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=12; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J0111-031(68) - 4 orbits - G160 M (C3)	277.937956 Secs (277.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0111-031(68) - 4 orbits - G160 M (C3)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0111-031(68) - 4 orbits - G160 M (C3)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1611/FP4 (COS.sp.101 2135)	(3) J011139.16-0316 10.8	COS/FUV, TIME-TAG, PSA	G160M 1611 A	FP-POS=4; BUFFER-TIME=25 00		Prime + Parallel Gro up 6-10 in J0111-031 (68) - 4 orbits - G160 M (C3)	2611 Secs (2611 Secs) [==>]	[2]
	7	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0111-031 (68) - 4 orbits - G160 M (C3)	302.938471 Secs (302.938 Secs) [==>]	[2]
	8	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0111-031 (68) - 4 orbits - G160 M (C3)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	9	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0111-031 (68) - 4 orbits - G160 M (C3)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	10	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0111-031 (68) - 4 orbits - G160 M (C3)	302.938471 Secs (302.938 Secs) [==>]	[2]
	11	C1611/FP2 (COS.sp.101 2135)	(3) J011139.16-0316 10.8	COS/FUV, TIME-TAG, PSA	G160M 1611 A	FP-POS=2; BUFFER-TIME=25 00		Prime + Parallel Gro up 11-15 in J0111-03 1(68) - 4 orbits - G16 0M (C3)	2621 Secs (2621 Secs) [==>]	[3]
	12	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 11-15 in J0111-03 1(68) - 4 orbits - G16 0M (C3)	302.938471 Secs (302.938 Secs) [==>]	[3]
	13	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-15 in J0111-03 1(68) - 4 orbits - G16 0M (C3)	1002.935521 Secs (1002.936 Secs) [==>]	[3]
	14	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-15 in J0111-03 1(68) - 4 orbits - G16 0M (C3)	1002.935521 Secs (1002.936 Secs) [==>]	[3]

Proposal 15163 - J0111-031(68) - 4 orbits - G160M (C3) - COS Ultraviolet Baryon Survey (CUBS)

	15	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 11-15 in J0111-03 1(68) - 4 orbits - G16 0M (C3)	302.938471 Secs (302.938 Secs) [==>]	[3]
	16	C1623/FP4 (COS.sp.101 10.8 2135)	(3) J011139.16-0316	COS/FUV, TIME-TAG, PSA	G160M 1623 A	FP-POS=4; BUFFER-TIME=25 00	Prime + Parallel Gro up 16-20 in J0111-03 1(68) - 4 orbits - G16 0M (C3)	2615 Secs (2615 Secs) [==>]	[4]
	17	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 16-20 in J0111-03 1(68) - 4 orbits - G16 0M (C3)	302.938471 Secs (302.938 Secs) [==>]	[4]
	18	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 16-20 in J0111-03 1(68) - 4 orbits - G16 0M (C3)	1002.935521 Secs (1002.936 Secs) [==>]	[4]
	19	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 16-20 in J0111-03 1(68) - 4 orbits - G16 0M (C3)	1002.935521 Secs (1002.936 Secs) [==>]	[4]
	20	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 16-20 in J0111-03 1(68) - 4 orbits - G16 0M (C3)	302.938471 Secs (302.938 Secs) [==>]	[4]

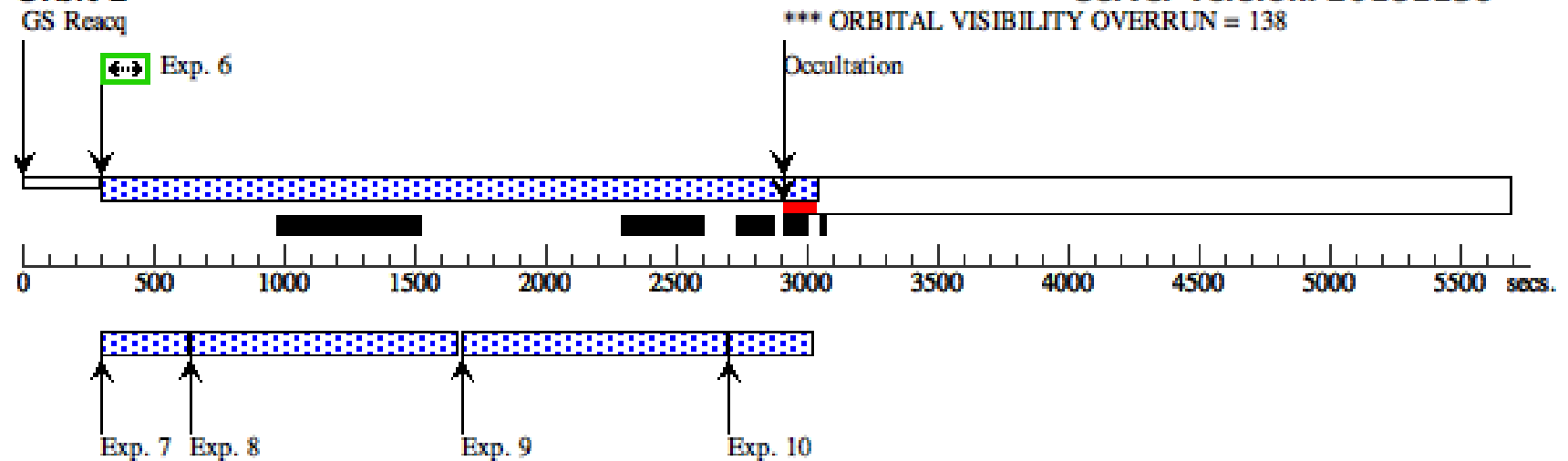
Orbit 1

Server Version: 20181130



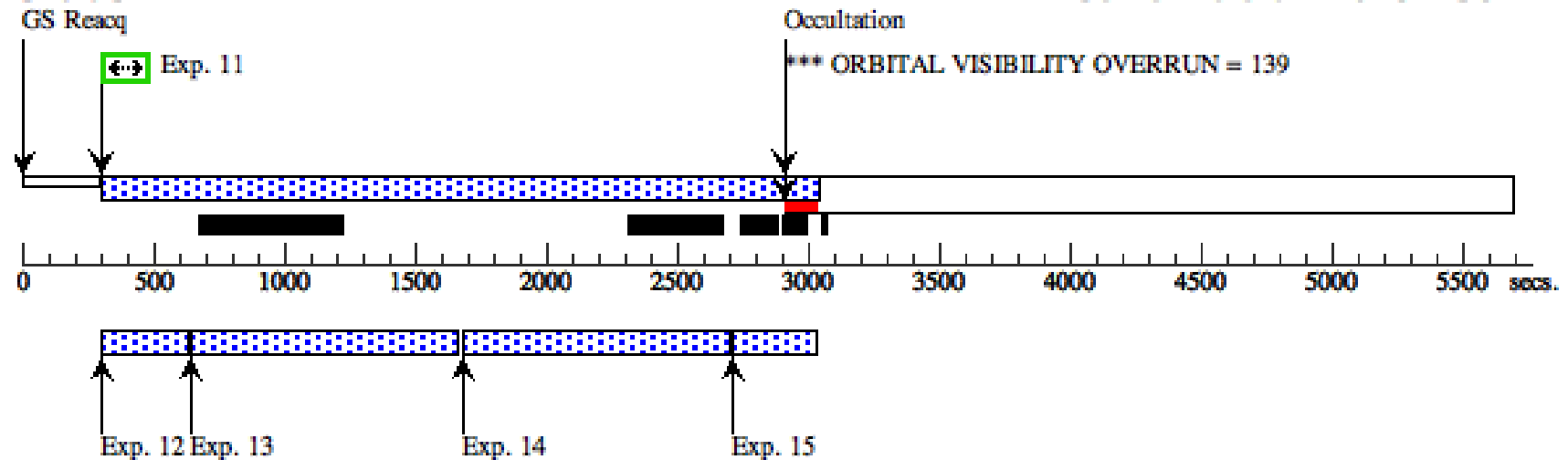
Orbit 2

Server Version: 20181130



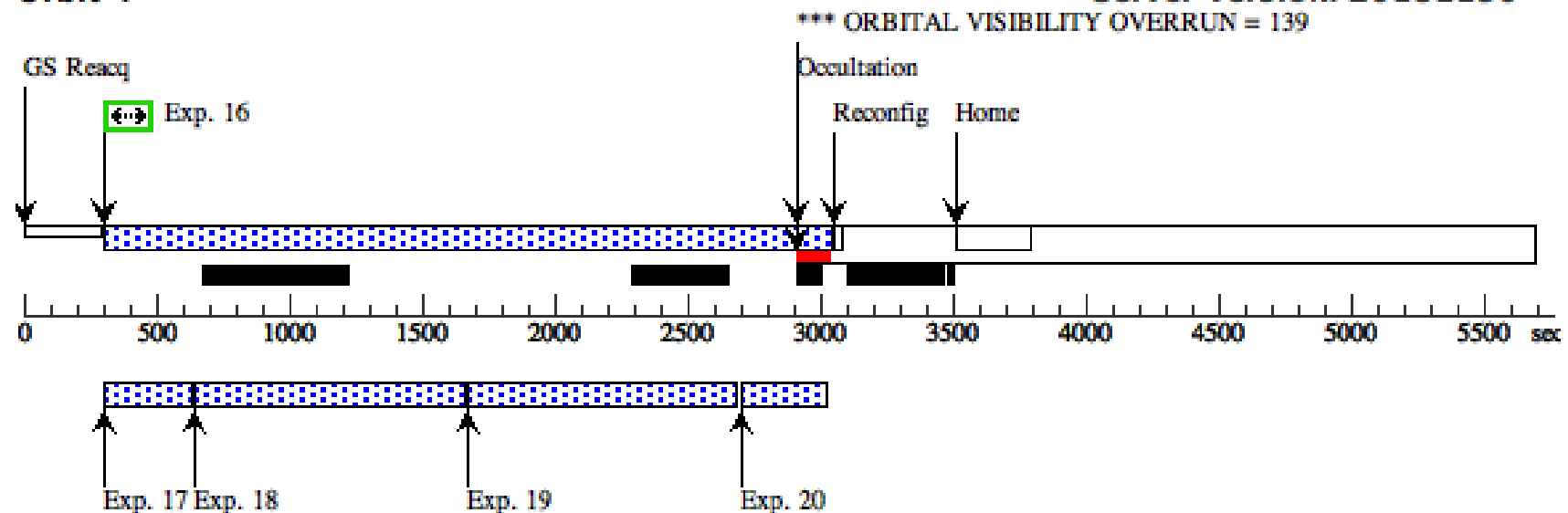
Orbit 3

Server Version: 20181130



Orbit 4

Server Version: 20181130



Proposal 15163 - J0111-031(68) - 3 orbits - G160M (C4) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J0111-031(68) - 3 orbits - G160M (C4), completed					Tue Feb 26 23:04:23 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%					
Comments: See comment in C1						
Diagnostics	(J0111-031(68) - 3 orbits - G160M (C4)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.					
	(J0111-031(68) - 3 orbits - G160M (C4)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0111-031(68) - 3 orbits - G160M (C4)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0111-031(68) - 3 orbits - G160M (C4)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	J011139.16-031610.8	RA: 01 11 39.1700 (17.9132083d) Dec: -03 16 10.89 (-3.26969d) Equinox: J2000	Redshift: 1.234	V=15.5 fuv = 18.5 nuv=16.7	Reference Frame: ICRS
	Comments: Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO					

Proposal 15163 - J0111-031(68) - 3 orbits - G160M (C4) - COS Ultraviolet Baryon Survey (CUBS)

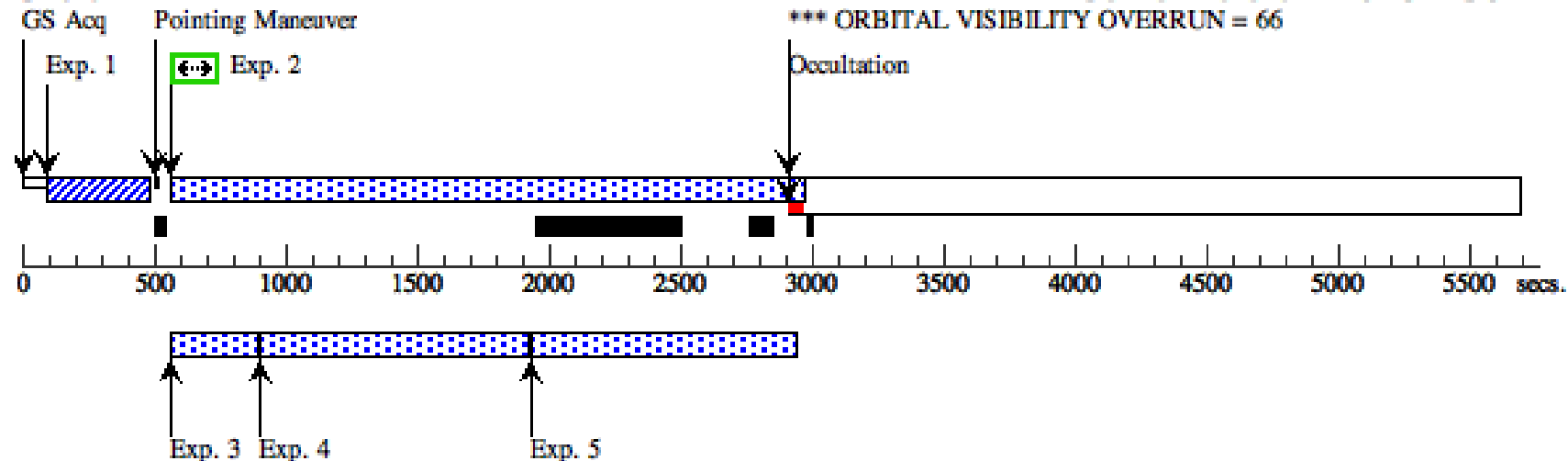
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9399)	(3) J011139.16-0316 10.8	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				49 Secs (49 Secs) [==>]	[1]
	2	C1623/FP2 (COS.sp.101 2135)	(3) J011139.16-0316 10.8	COS/FUV, TIME-TAG, PSA	G160M 1623 A	FP-POS=2; BUFFER-TIME=20 00		Prime + Parallel Gro up 2-5 in J0111-031(68) - 3 orbits - G160 M (C4)	2188 Secs (2188 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J0111-031(68) - 3 orbits - G160 M (C4)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0111-031(68) - 3 orbits - G160 M (C4)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0111-031(68) - 3 orbits - G160 M (C4)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1577/FP2 (COS.sp.101 2137)	(3) J011139.16-0316 10.8	COS/FUV, TIME-TAG, PSA	G160M 1577 A	FP-POS=2; BUFFER-TIME=20 00		Prime + Parallel Gro up 6-10 in J0111-031 (68) - 3 orbits - G160 M (C4)	2606 Secs (2606 Secs) [==>]	[2]
	7	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0111-031 (68) - 3 orbits - G160 M (C4)	302.938471 Secs (302.938 Secs) [==>]	[2]
	8	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0111-031 (68) - 3 orbits - G160 M (C4)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	9	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0111-031 (68) - 3 orbits - G160 M (C4)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	10	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0111-031 (68) - 3 orbits - G160 M (C4)	302.938471 Secs (302.938 Secs) [==>]	[2]
	11	C1577/FP4 (COS.sp.101 2137)	(3) J011139.16-0316 10.8	COS/FUV, TIME-TAG, PSA	G160M 1577 A	FP-POS=4; BUFFER-TIME=25 00		Prime + Parallel Gro up 11-15 in J0111-03 1(68) - 3 orbits - G16 0M (C4)	2687 Secs (2687 Secs) [==>]	[3]
	12	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 11-15 in J0111-03 1(68) - 3 orbits - G16 0M (C4)	302.938471 Secs (302.938 Secs) [==>]	[3]
	13	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-15 in J0111-03 1(68) - 3 orbits - G16 0M (C4)	1002.935521 Secs (1002.936 Secs) [==>]	[3]
	14	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-15 in J0111-03 1(68) - 3 orbits - G16 0M (C4)	1002.935521 Secs (1002.936 Secs) [==>]	[3]

Proposal 15163 - J0111-031(68) - 3 orbits - G160M (C4) - COS Ultraviolet Baryon Survey (CUBS)

	15	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=11; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 11-15 in J0111-03 1(68) - 3 orbits - G16 0M (C4)	252.937441 Secs (252.937 Secs)	
								[==>]	[3]

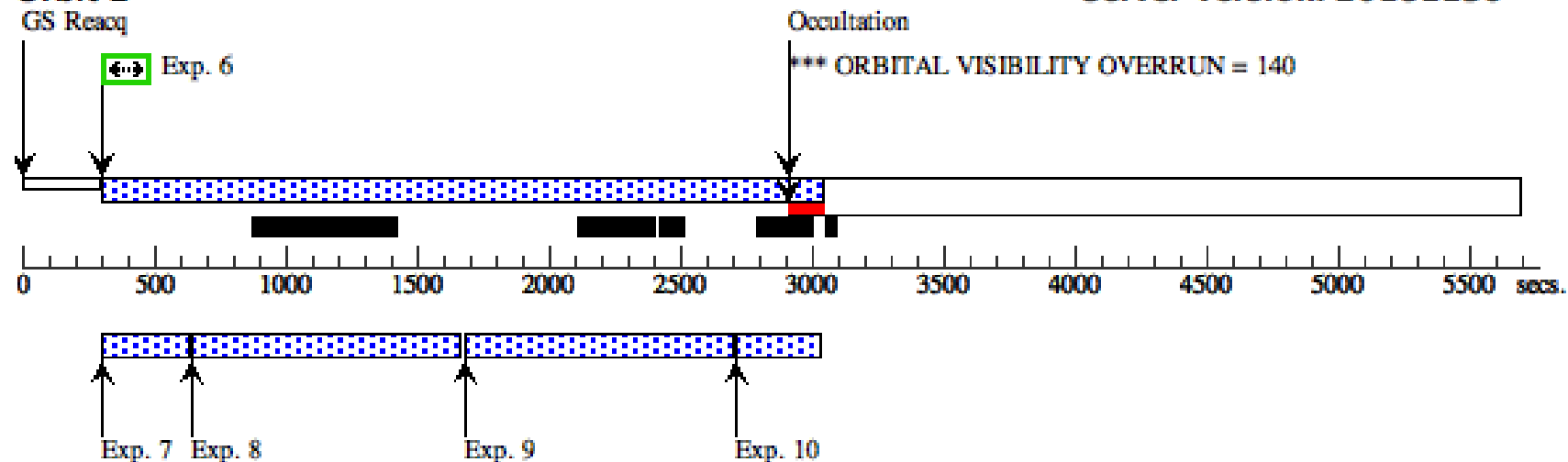
Orbit 1

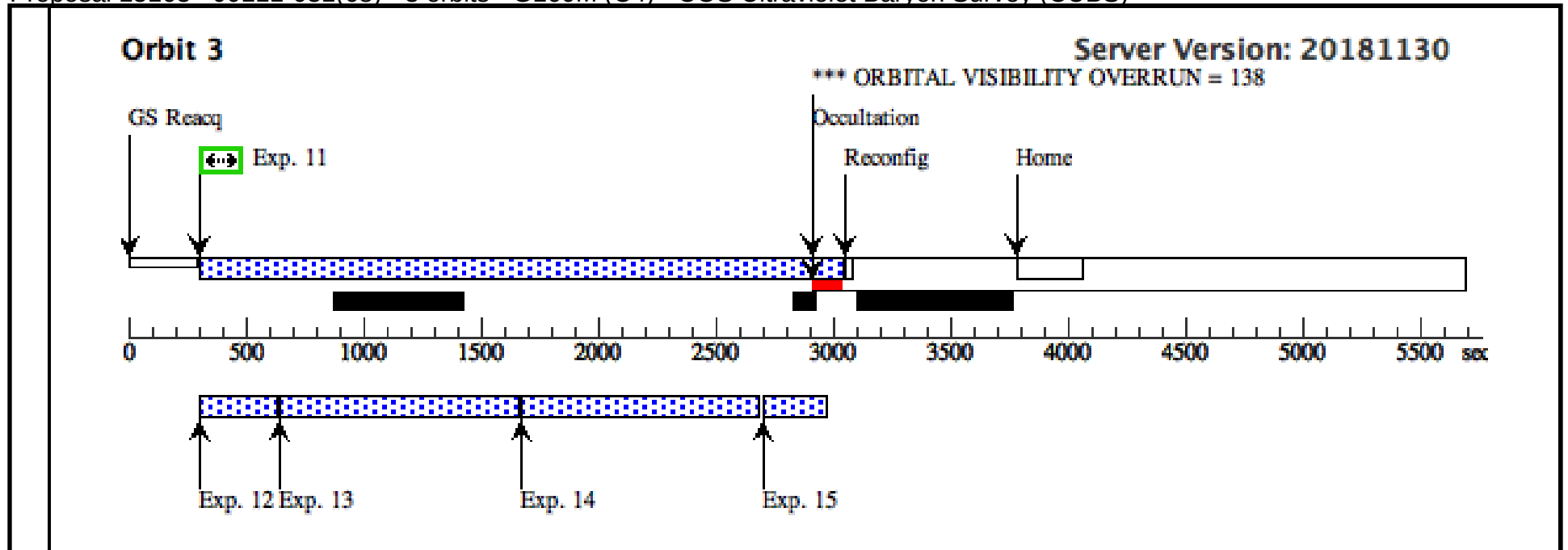
Server Version: 20181130



Orbit 2

Server Version: 20181130





Proposal 15163 - J0114-412(68) - 4 orbits - G130M - BaseOrient (D1) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J0114-412(68) - 4 orbits - G130M - BaseOrient (D1), completed					Tue Feb 26 23:04:23 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%					
	Comments: This target has 15 orbits. This visit contains 6 G130M orbits+ 8 G160M orbits 3 orbits C1223 + 3 orbits C1291 2 orbits C1577 + 2 orbits C1589 + 2 orbits C1611 + 2 orbits C1623 D1 : 4G130M TAC1291F3 + C1291F4 + C1223F12 + C1223F3 D2 : 2G130M TAC1589F4 + C1291F3 + C1223F4 D3 : 4G160M TAC1611F2 + C1577F2 + C1577F4 D4 : 4G160M TAC1589F2 + C1611F4 + C1623F2 + G1623F4					
Diagnostics	(J0114-412(68) - 4 orbits - G130M - BaseOrient (D1)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.					
	(J0114-412(68) - 4 orbits - G130M - BaseOrient (D1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0114-412(68) - 4 orbits - G130M - BaseOrient (D1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0114-412(68) - 4 orbits - G130M - BaseOrient (D1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0114-412(68) - 4 orbits - G130M - BaseOrient (D1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(4)	J011422.11-412947.7	RA: 01 14 22.1230 (18.5921792d)	Redshift: 1.018	V=16.7	Reference Frame: ICRS
			Dec: -41 29 47.29 (-41.49647d)		fuv=18.3 nuv=16.7	
			Equinox: J2000			
		Comments: Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO				

Proposal 15163 - J0114-412(68) - 4 orbits - G130M - BaseOrient (D1) - COS Ultraviolet Baryon Survey (CUBS)

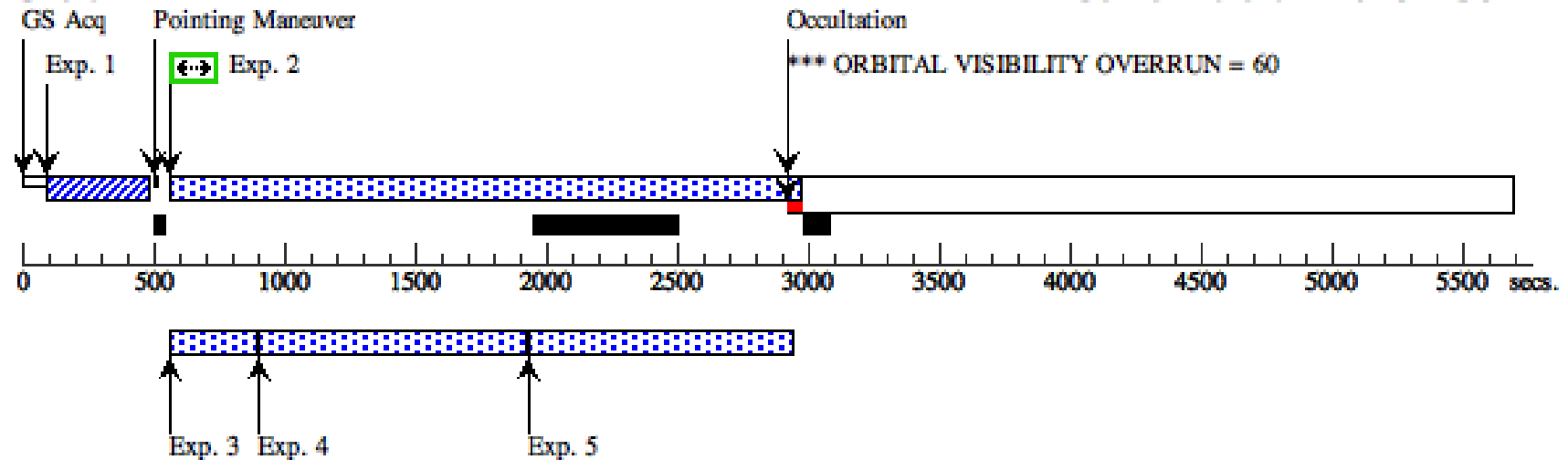
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9401)	(4) J011422.11-4129 47.7	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				49 Secs (49 Secs) [==>]	[1]
	2	C1291/FP3 (COS.sp.101 2122)	(4) J011422.11-4129 47.7	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=25 00		Prime + Parallel Gro up 2-5 in J0114-412(68) - 4 orbits - G130M - BaseOrient (D1)	2246 Secs (2246 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J0114-412(68) - 4 orbits - G130M - BaseOrient (D1)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0114-412(68) - 4 orbits - G130M - BaseOrient (D1)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0114-412(68) - 4 orbits - G130M - BaseOrient (D1)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1291/FP4 (COS.sp.101 2122)	(4) J011422.11-4129 47.7	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=25 00		Prime + Parallel Gro up 6-10 in J0114-412(68) - 4 orbits - G130M - BaseOrient (D1)	2698 Secs (2698 Secs) [==>]	[2]
	7	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0114-412(68) - 4 orbits - G130M - BaseOrient (D1)	252.937441 Secs (252.937 Secs) [==>]	[2]
	8	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=12; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0114-412(68) - 4 orbits - G130M - BaseOrient (D1)	1102.935844 Secs (1102.936 Secs) [==>]	[2]
	9	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0114-412(68) - 4 orbits - G130M - BaseOrient (D1)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	10	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0114-412(68) - 4 orbits - G130M - BaseOrient (D1)	252.937441 Secs (252.937 Secs) [==>]	[2]
	11	C1222/FP1 (COS.sp.101 3000)	(4) J011422.11-4129 47.7	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=1; BUFFER-TIME=11 00		Prime + Parallel Gro up 11-13 in J0114-412(68) - 4 orbits - G130M - BaseOrient (D1)	1200 Secs (1200 Secs) [==>]	[3]
	12	F110-12-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=12; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 11-13 in J0114-412(68) - 4 orbits - G130M - BaseOrient (D1)	277.937956 Secs (277.938 Secs) [==>]	[3]
	13	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-13 in J0114-412(68) - 4 orbits - G130M - BaseOrient (D1)	1002.935521 Secs (1002.936 Secs) [==>]	[3]

Proposal 15163 - J0114-412(68) - 4 orbits - G130M - BaseOrient (D1) - COS Ultraviolet Baryon Survey (CUBS)

14	C1222/FP2 (COS.sp.101 47.7 3000)	(4) J011422.11-4129	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=2; BUFFER-TIME=20 00	Prime + Parallel Gro up 14-16 in J0114-41 2(68) - 4 orbits - G13 0M - BaseOrient (D1)	1296 Secs (1296 Secs) [==>]	[3]
15	F160-15-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=15; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 14-16 in J0114-41 2(68) - 4 orbits - G13 0M - BaseOrient (D1)	352.939501 Secs (352.94 Secs) [==>]	[3]
16	G141-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 14-16 in J0114-41 2(68) - 4 orbits - G13 0M - BaseOrient (D1)	902.935198 Secs (902.935 Secs) [==>]	[3]
17	C1222/FP3 (COS.sp.101 47.7 3000)	(4) J011422.11-4129	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=3; BUFFER-TIME=20 00	Prime + Parallel Gro up 17-21 in J0114-41 2(68) - 4 orbits - G13 0M - BaseOrient (D1)	2698 Secs (2698 Secs) [==>]	[4]
18	F160-15-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=15; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 17-21 in J0114-41 2(68) - 4 orbits - G13 0M - BaseOrient (D1)	352.939501 Secs (352.94 Secs) [==>]	[4]
19	G141-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 17-21 in J0114-41 2(68) - 4 orbits - G13 0M - BaseOrient (D1)	902.935198 Secs (902.935 Secs) [==>]	[4]
20	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 17-21 in J0114-41 2(68) - 4 orbits - G13 0M - BaseOrient (D1)	1002.935521 Secs (1002.936 Secs) [==>]	[4]
21	F160-15-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=15; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 17-21 in J0114-41 2(68) - 4 orbits - G13 0M - BaseOrient (D1)	352.939501 Secs (352.94 Secs) [==>]	[4]

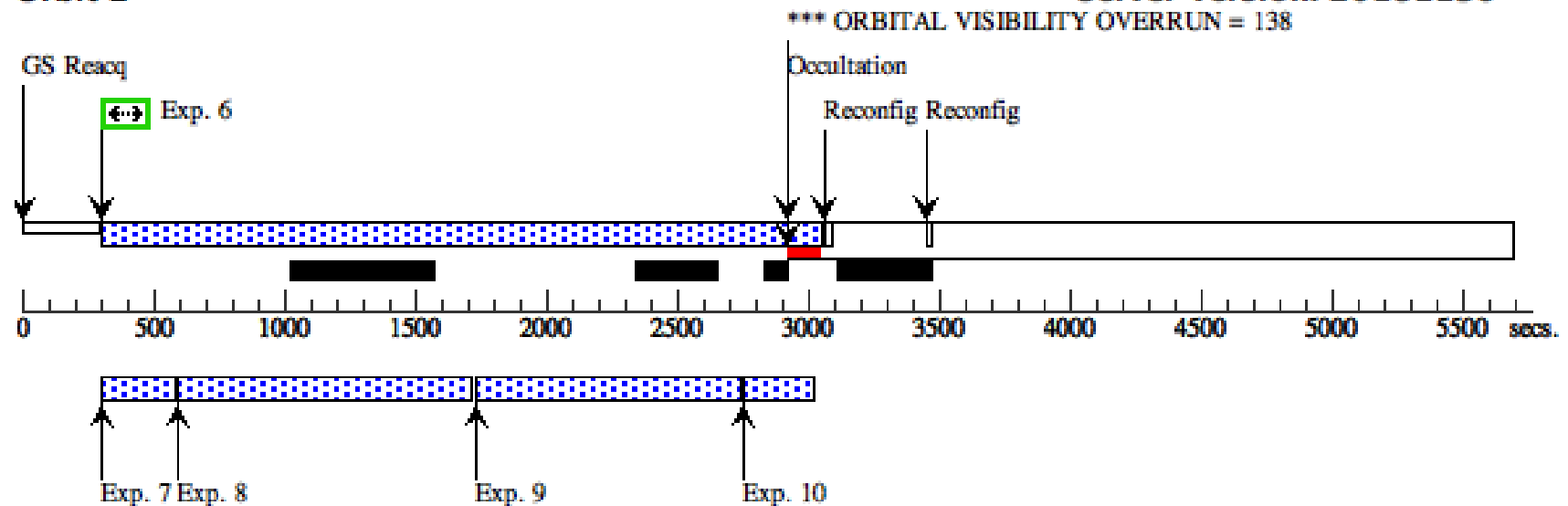
Orbit 1

Server Version: 20181130



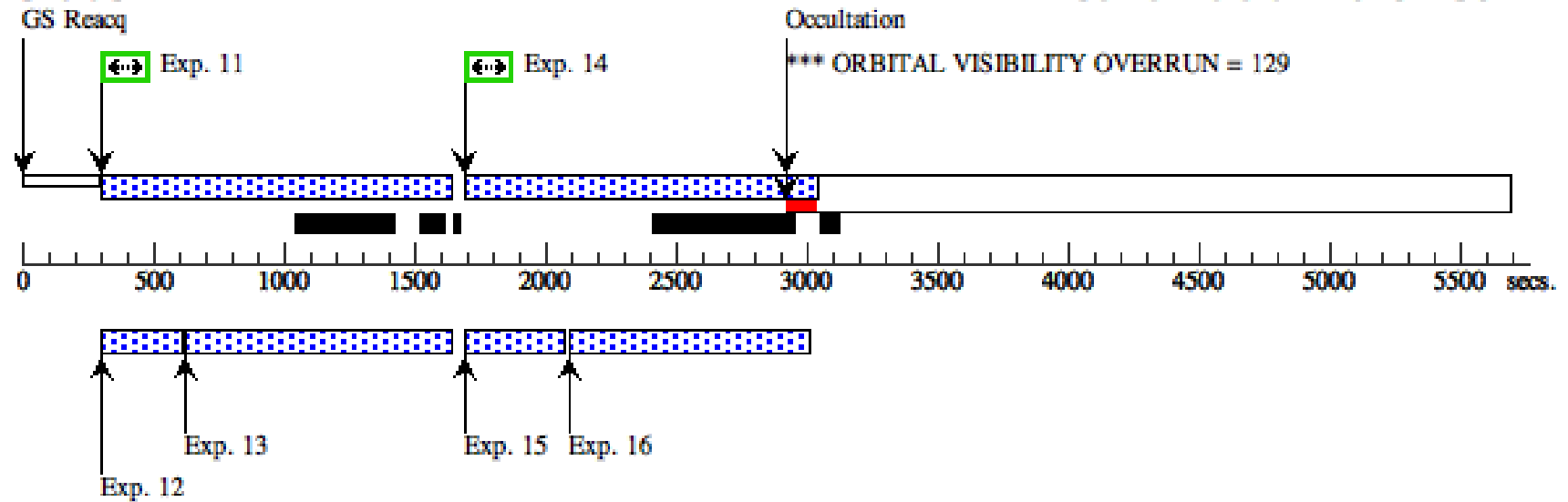
Orbit 2

Server Version: 20181130



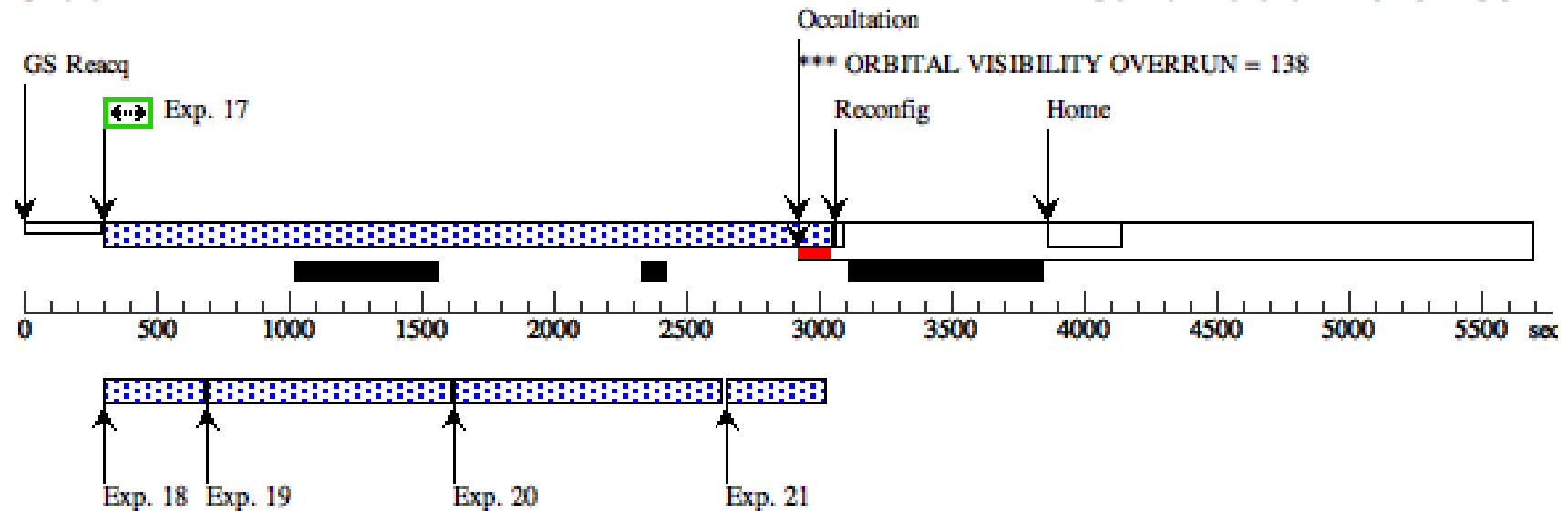
Orbit 3

Server Version: 20181130



Orbit 4

Server Version: 20181130



Proposal 15163 - J0114-412(68) - 3 orbits - G130M (D2) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J0114-412(68) - 3 orbits - G130M (D2), completed Tue Feb 26 23:04:23 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV Special Requirements: SCHED 100% <i>Comments: See comment in D1</i>				
Diagnostics	(J0114-412(68) - 3 orbits - G130M (D2)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (J0114-412(68) - 3 orbits - G130M (D2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J0114-412(68) - 3 orbits - G130M (D2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J0114-412(68) - 3 orbits - G130M (D2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(4)	J011422.11-412947.7	RA: 01 14 22.1230 (18.5921792d) Dec: -41 29 47.29 (-41.49647d) Equinox: J2000	Redshift: 1.018 fuv=18.3 nuv=16.7	Reference Frame: ICRS
Fixed Targets	<i>Comments:</i> Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO				

Proposal 15163 - J0114-412(68) - 3 orbits - G130M (D2) - COS Ultraviolet Baryon Survey (CUBS)

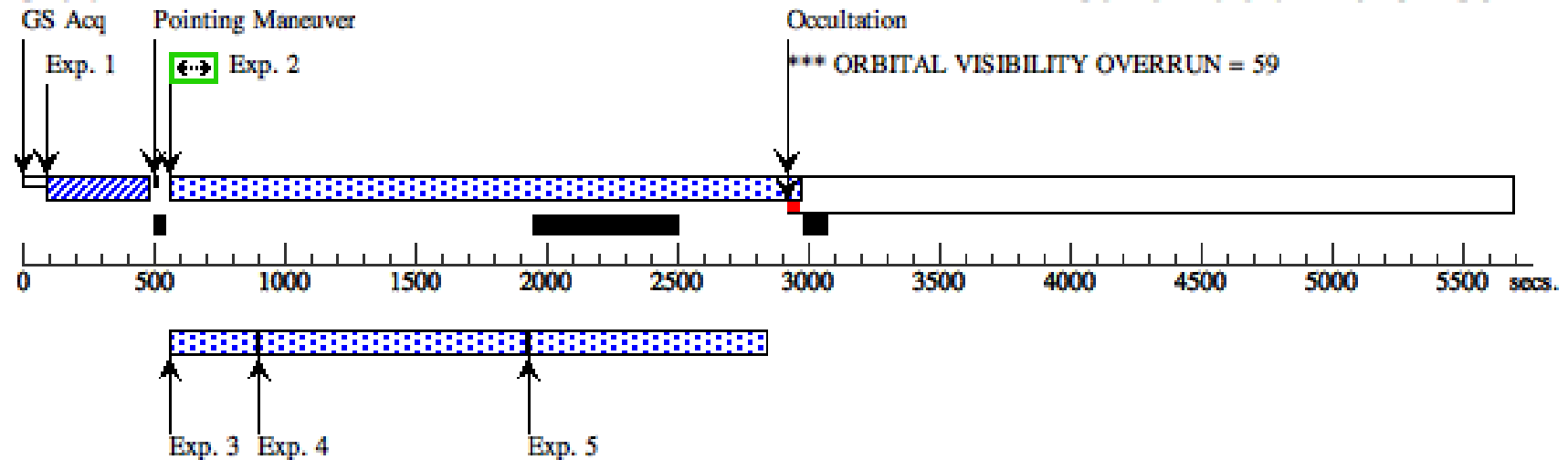
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9401)	(4) J011422.11-4129 47.7	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				49 Secs (49 Secs) [==>]	[1]
	2	C1589/F4 (COS.sp.101 2137)	(4) J011422.11-4129 47.7	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=4; BUFFER-TIME=25 00		Prime + Parallel Gro up 2-5 in J0114-412(68) - 3 orbits - G130 M (D2)	2202 Secs (2202 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J0114-412(68) - 3 orbits - G130 M (D2)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0114-412(68) - 3 orbits - G130 M (D2)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=10; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0114-412(68) - 3 orbits - G130 M (D2)	902.935198 Secs (902.935 Secs) [==>]	[1]
	6	C1291/FP3 (COS.sp.101 2122)	(4) J011422.11-4129 47.7	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=28 00		Prime + Parallel Gro up 6-10 in J0114-412(68) - 3 orbits - G130 M (D2)	2580 Secs (2580 Secs) [==>]	[2]
	7	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0114-412(68) - 3 orbits - G130 M (D2)	302.938471 Secs (302.938 Secs) [==>]	[2]
	8	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0114-412(68) - 3 orbits - G130 M (D2)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	9	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0114-412(68) - 3 orbits - G130 M (D2)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	10	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0114-412(68) - 3 orbits - G130 M (D2)	302.938471 Secs (302.938 Secs) [==>]	[2]
	11	C1222/FP4 (COS.sp.101 2122)	(4) J011422.11-4129 47.7	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=4; BUFFER-TIME=28 00		Prime + Parallel Gro up 11-15 in J0114-412(68) - 3 orbits - G130 M (D2)	2601 Secs (2601 Secs) [==>]	[3]
	12	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 11-15 in J0114-412(68) - 3 orbits - G130 M (D2)	302.938471 Secs (302.938 Secs) [==>]	[3]
	13	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-15 in J0114-412(68) - 3 orbits - G130 M (D2)	1002.935521 Secs (1002.936 Secs) [==>]	[3]
	14	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-15 in J0114-412(68) - 3 orbits - G130 M (D2)	1002.935521 Secs (1002.936 Secs) [==>]	[3]

Proposal 15163 - J0114-412(68) - 3 orbits - G130M (D2) - COS Ultraviolet Baryon Survey (CUBS)

	15	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Group up 11-15 in J0114-412(68) - 3 orbits - G130M (D2)	302.938471 Secs (302.938 Secs)	
								[==>]	[3]

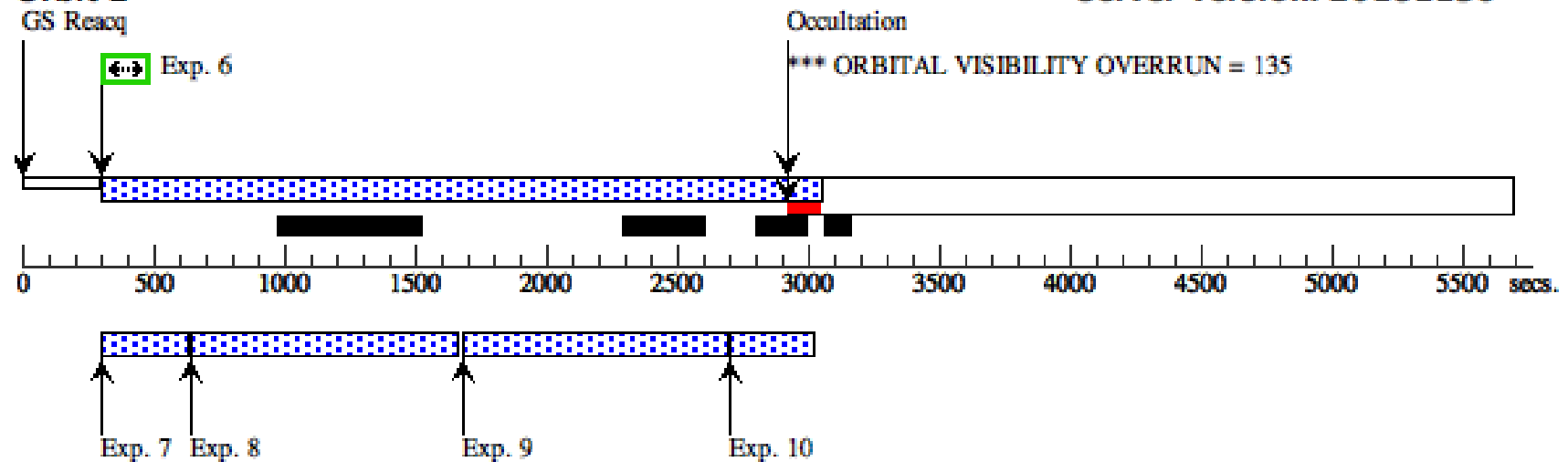
Orbit 1

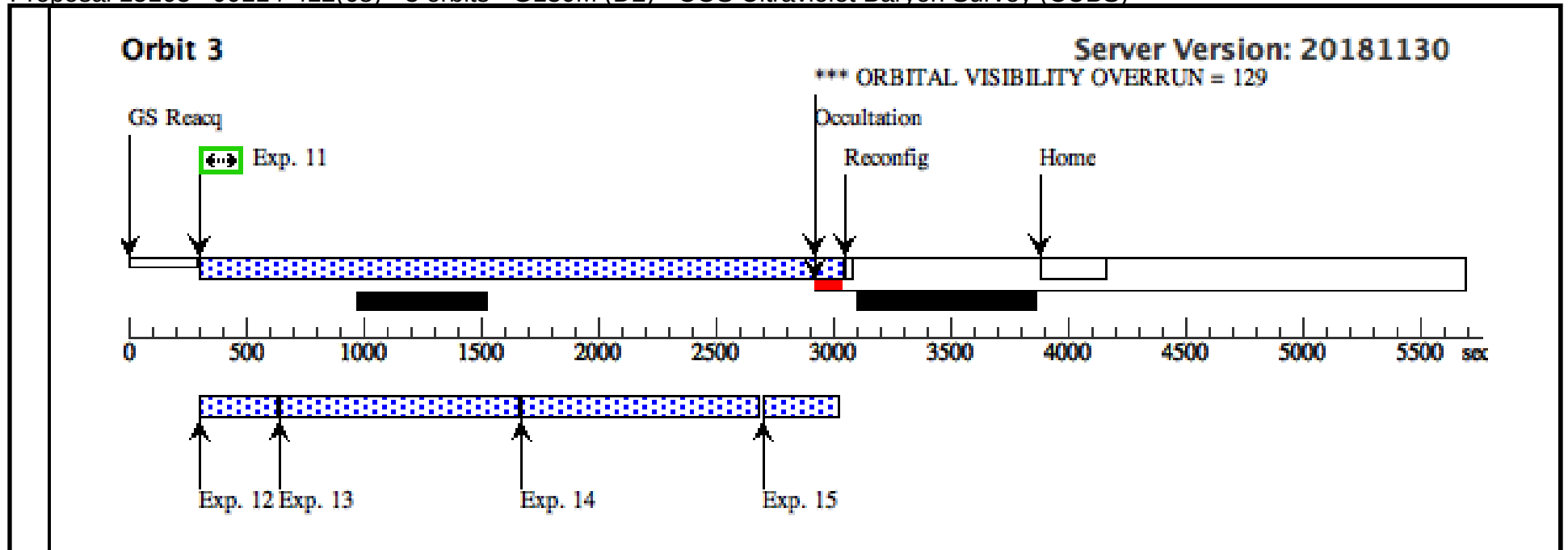
Server Version: 20181130



Orbit 2

Server Version: 20181130





Proposal 15163 - J0114-412(68) - 4 orbits - G160M (D3) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J0114-412(68) - 4 orbits - G160M (D3), completed					Tue Feb 26 23:04:23 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%					
Comments: see comment in D1						
Diagnostics	(J0114-412(68) - 4 orbits - G160M (D3)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.					
	(J0114-412(68) - 4 orbits - G160M (D3)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(J0114-412(68) - 4 orbits - G160M (D3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0114-412(68) - 4 orbits - G160M (D3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0114-412(68) - 4 orbits - G160M (D3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0114-412(68) - 4 orbits - G160M (D3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(4)	J011422.11-412947.7	RA: 01 14 22.1230 (18.5921792d) Dec: -41 29 47.29 (-41.49647d) Equinox: J2000	Redshift: 1.018	V=16.7 fuv=18.3 nuv=16.7	Reference Frame: ICRS
Comments: Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO						

Proposal 15163 - J0114-412(68) - 4 orbits - G160M (D3) - COS Ultraviolet Baryon Survey (CUBS)

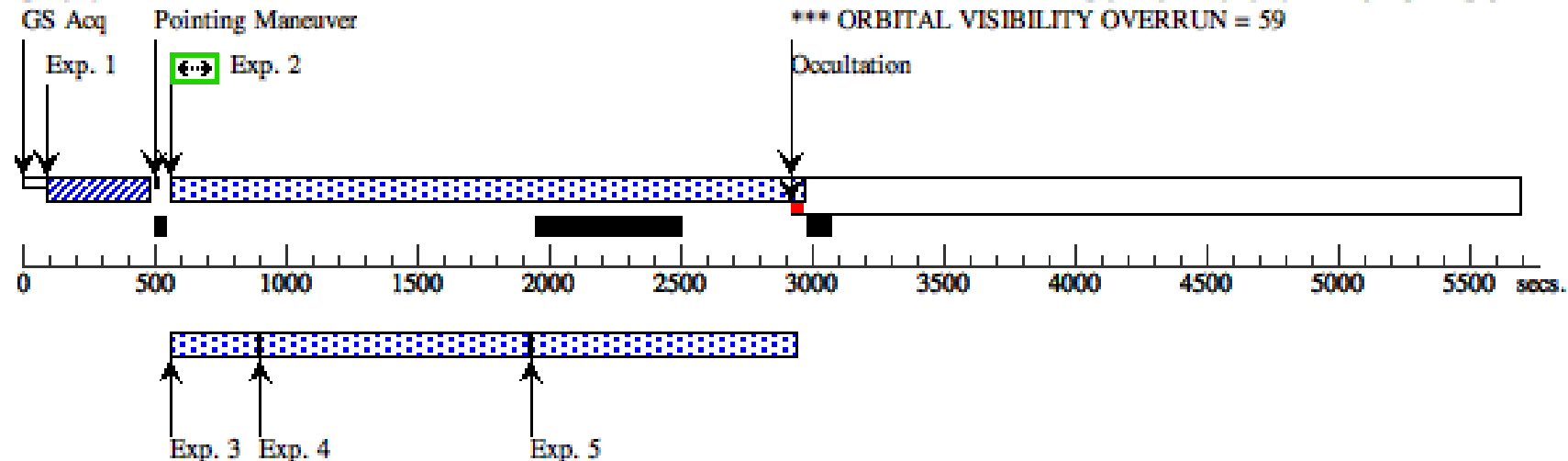
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9401)	(4) J011422.11-4129 47.7	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				49 Secs (49 Secs) [==>]	[1]
	2	C1589/FP2 (COS.sp.101 2137)	(4) J011422.11-4129 47.7	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=2; BUFFER-TIME=25 00		Prime + Parallel Gro up 2-5 in J0114-412(68) - 4 orbits - G160 M (D3)	2202 Secs (2202 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J0114-412(68) - 4 orbits - G160 M (D3)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0114-412(68) - 4 orbits - G160 M (D3)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0114-412(68) - 4 orbits - G160 M (D3)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1611/FP4 (COS.sp.101 2135)	(4) J011422.11-4129 47.7	COS/FUV, TIME-TAG, PSA	G160M 1611 A	FP-POS=4; BUFFER-TIME=25 00		Prime + Parallel Gro up 6-10 in J0114-412(68) - 4 orbits - G160 M (D3)	2622 Secs (2622 Secs) [==>]	[2]
	7	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0114-412(68) - 4 orbits - G160 M (D3)	302.938471 Secs (302.938 Secs) [==>]	[2]
	8	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0114-412(68) - 4 orbits - G160 M (D3)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	9	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J0114-412(68) - 4 orbits - G160 M (D3)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	10	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J0114-412(68) - 4 orbits - G160 M (D3)	302.938471 Secs (302.938 Secs) [==>]	[2]
	11	C1611/FP2 (COS.sp.101 2135)	(4) J011422.11-4129 47.7	COS/FUV, TIME-TAG, PSA	G160M 1611 A	FP-POS=2; BUFFER-TIME=25 00		Prime + Parallel Gro up 11-15 in J0114-41 2(68) - 4 orbits - G16 0M (D3)	2631 Secs (2631 Secs) [==>]	[3]
	12	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 11-15 in J0114-41 2(68) - 4 orbits - G16 0M (D3)	302.938471 Secs (302.938 Secs) [==>]	[3]
	13	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-15 in J0114-41 2(68) - 4 orbits - G16 0M (D3)	1002.935521 Secs (1002.936 Secs) [==>]	[3]
	14	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-15 in J0114-41 2(68) - 4 orbits - G16 0M (D3)	1002.935521 Secs (1002.936 Secs) [==>]	[3]

Proposal 15163 - J0114-412(68) - 4 orbits - G160M (D3) - COS Ultraviolet Baryon Survey (CUBS)

	15	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 11-15 in J0114-41 2(68) - 4 orbits - G16 0M (D3)	302.938471 Secs (302.938 Secs) [==>]	[3]
	16	C1623/FP4 (COS.sp.101 47.7 2135)	(4) J011422.11-4129	COS/FUV, TIME-TAG, PSA	G160M 1623 A	FP-POS=4; BUFFER-TIME=25 00	Prime + Parallel Gro up 16-20 in J0114-41 2(68) - 4 orbits - G16 0M (D3)	2626 Secs (2626 Secs) [==>]	[4]
	17	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 16-20 in J0114-41 2(68) - 4 orbits - G16 0M (D3)	302.938471 Secs (302.938 Secs) [==>]	[4]
	18	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 16-20 in J0114-41 2(68) - 4 orbits - G16 0M (D3)	1002.935521 Secs (1002.936 Secs) [==>]	[4]
	19	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 16-20 in J0114-41 2(68) - 4 orbits - G16 0M (D3)	1002.935521 Secs (1002.936 Secs) [==>]	[4]
	20	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 16-20 in J0114-41 2(68) - 4 orbits - G16 0M (D3)	302.938471 Secs (302.938 Secs) [==>]	[4]

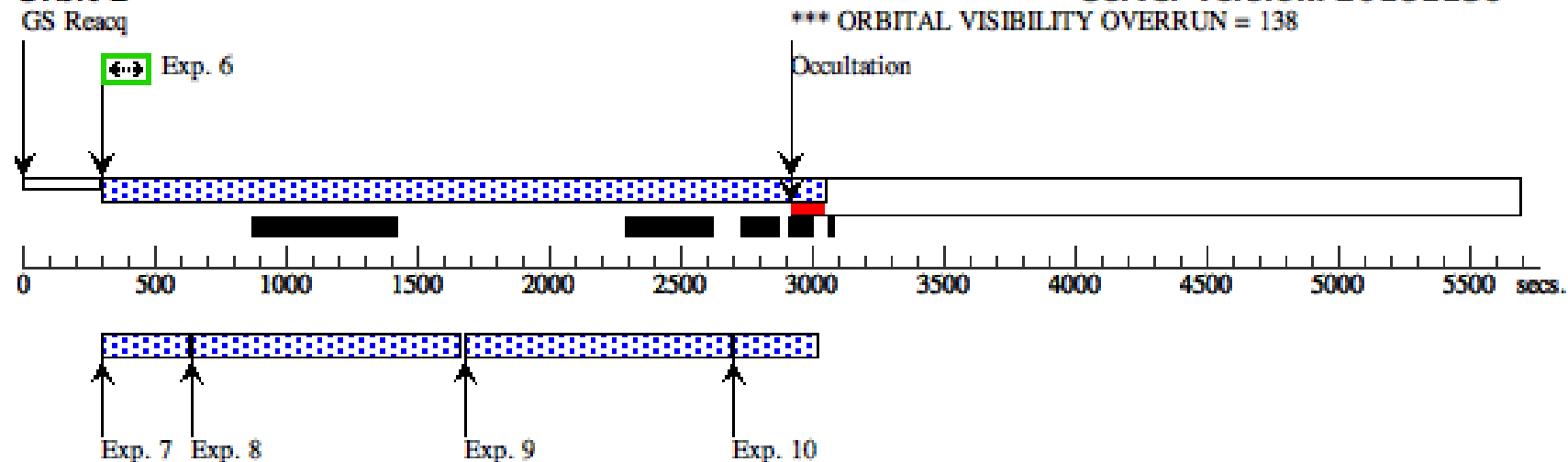
Orbit 1

Server Version: 20181130



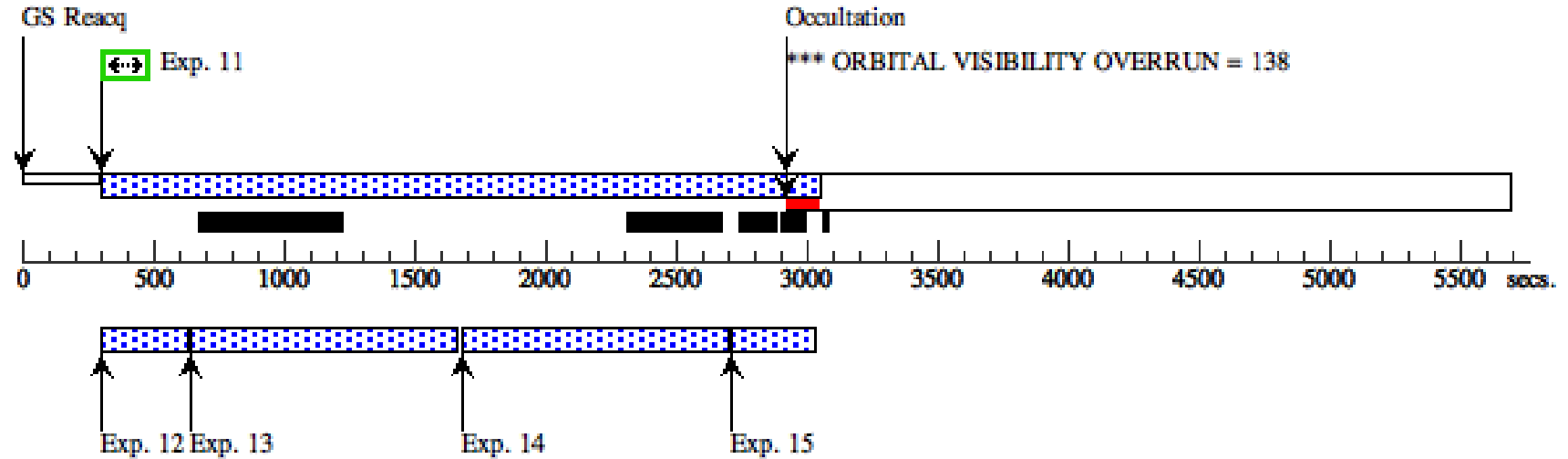
Orbit 2

Server Version: 20181130



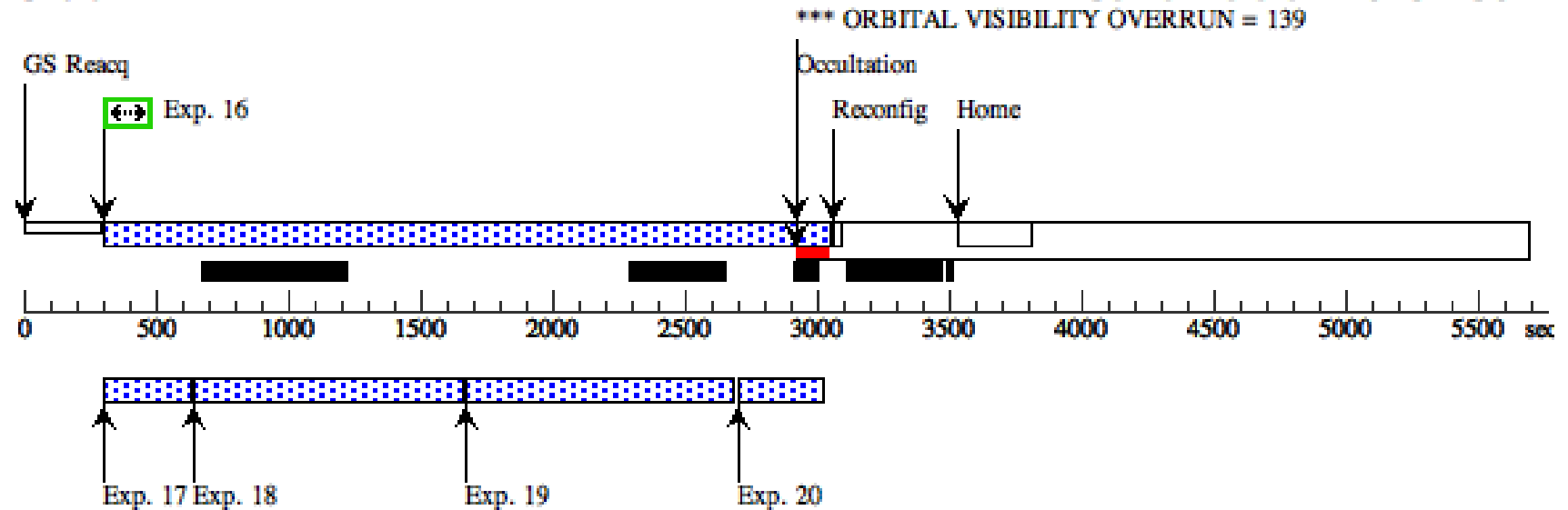
Orbit 3

Server Version: 20181130



Orbit 4

Server Version: 20181130



Proposal 15163 - J0114-412(68) - 3 orbits - G160M (D4) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J0114-412(68) - 3 orbits - G160M (D4), completed Tue Feb 26 23:04:23 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV Special Requirements: SCHED 100% <i>Comments: See comment in D1</i>				
Diagnostics	(J0114-412(68) - 3 orbits - G160M (D4)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (J0114-412(68) - 3 orbits - G160M (D4)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J0114-412(68) - 3 orbits - G160M (D4)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J0114-412(68) - 3 orbits - G160M (D4)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(4)	J011422.11-412947.7	RA: 01 14 22.1230 (18.5921792d) Dec: -41 29 47.29 (-41.49647d) Equinox: J2000	Redshift: 1.018 fuv=18.3 nuv=16.7	Reference Frame: ICRS
Fixed Targets	<i>Comments:</i> Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO				

Proposal 15163 - J0114-412(68) - 3 orbits - G160M (D4) - COS Ultraviolet Baryon Survey (CUBS)

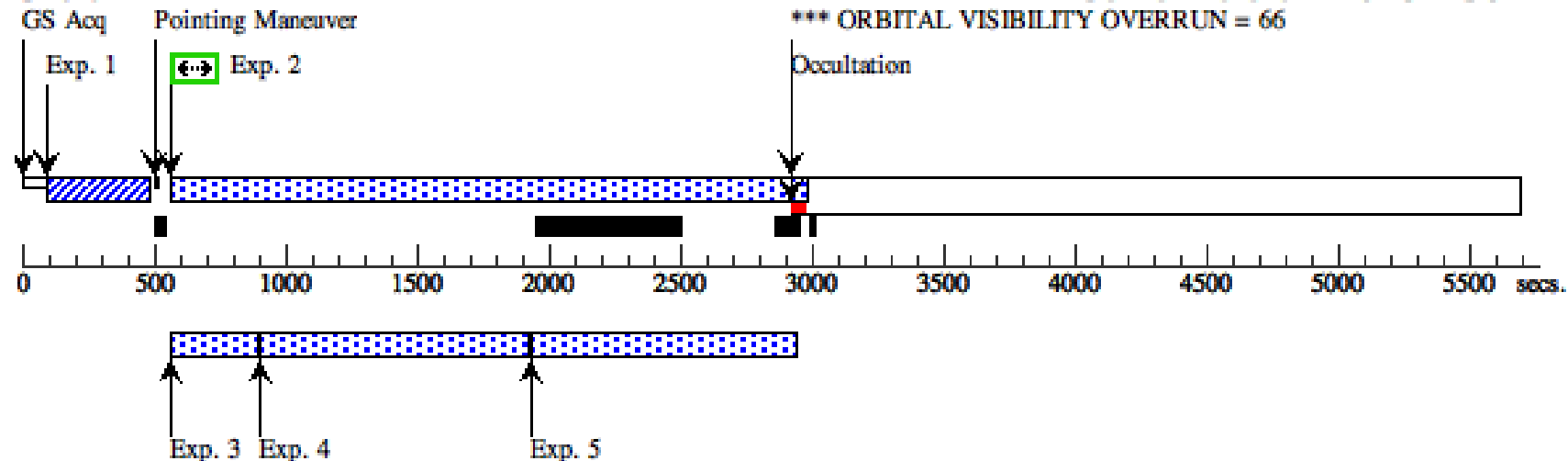
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9401)	(4) J011422.11-4129 47.7	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				49 Secs (49 Secs) [==>]	[1]
	2	C1623/FP2 (COS.sp.101 2135)	(4) J011422.11-4129 47.7	COS/FUV, TIME-TAG, PSA	G160M 1623 A	FP-POS=2; BUFFER-TIME=21 00		Prime + Parallel Group 2-5 in J0114-412(68) - 3 orbits - G160M (D4)	2199 Secs (2199 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Group 2-5 in J0114-412(68) - 3 orbits - G160M (D4)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Group 2-5 in J0114-412(68) - 3 orbits - G160M (D4)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Group 2-5 in J0114-412(68) - 3 orbits - G160M (D4)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1577/FP2 (COS.sp.101 2137)	(4) J011422.11-4129 47.7	COS/FUV, TIME-TAG, PSA	G160M 1577 A	FP-POS=2; BUFFER-TIME=20 00		Prime + Parallel Group 6-10 in J0114-412(68) - 3 orbits - G160M (D4)	2617 Secs (2617 Secs) [==>]	[2]
	7	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Group 6-10 in J0114-412(68) - 3 orbits - G160M (D4)	302.938471 Secs (302.938 Secs) [==>]	[2]
	8	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Group 6-10 in J0114-412(68) - 3 orbits - G160M (D4)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	9	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Group 6-10 in J0114-412(68) - 3 orbits - G160M (D4)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	10	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Group 6-10 in J0114-412(68) - 3 orbits - G160M (D4)	302.938471 Secs (302.938 Secs) [==>]	[2]
	11	C1577/FP4 (COS.sp.101 2137)	(4) J011422.11-4129 47.7	COS/FUV, TIME-TAG, PSA	G160M 1577 A	FP-POS=4; BUFFER-TIME=25 00		Prime + Parallel Group 11-15 in J0114-412(68) - 3 orbits - G160M (D4)	2698 Secs (2698 Secs) [==>]	[3]
	12	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Group 11-15 in J0114-412(68) - 3 orbits - G160M (D4)	302.938471 Secs (302.938 Secs) [==>]	[3]
	13	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Group 11-15 in J0114-412(68) - 3 orbits - G160M (D4)	1002.935521 Secs (1002.936 Secs) [==>]	[3]
	14	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Group 11-15 in J0114-412(68) - 3 orbits - G160M (D4)	1002.935521 Secs (1002.936 Secs) [==>]	[3]

Proposal 15163 - J0114-412(68) - 3 orbits - G160M (D4) - COS Ultraviolet Baryon Survey (CUBS)

	15	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=11; SAMP-SEQ=SPAR S25	Prime + Parallel Group up 11-15 in J0114-412(68) - 3 orbits - G160M (D4)	252.937441 Secs (252.937 Secs)	
								[==>]	[3]

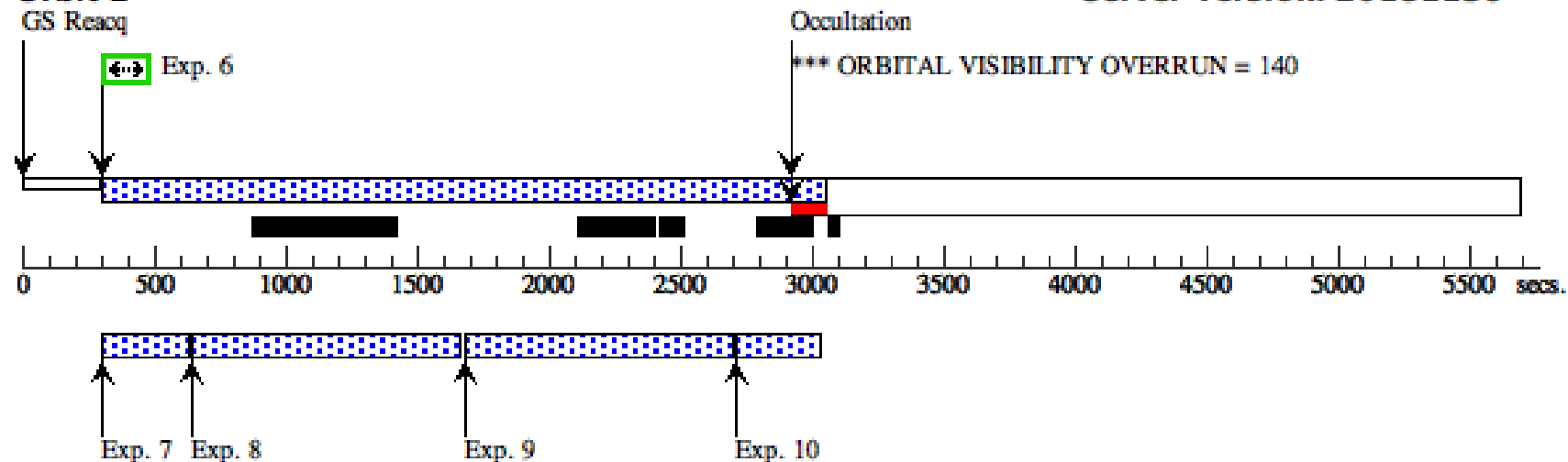
Orbit 1

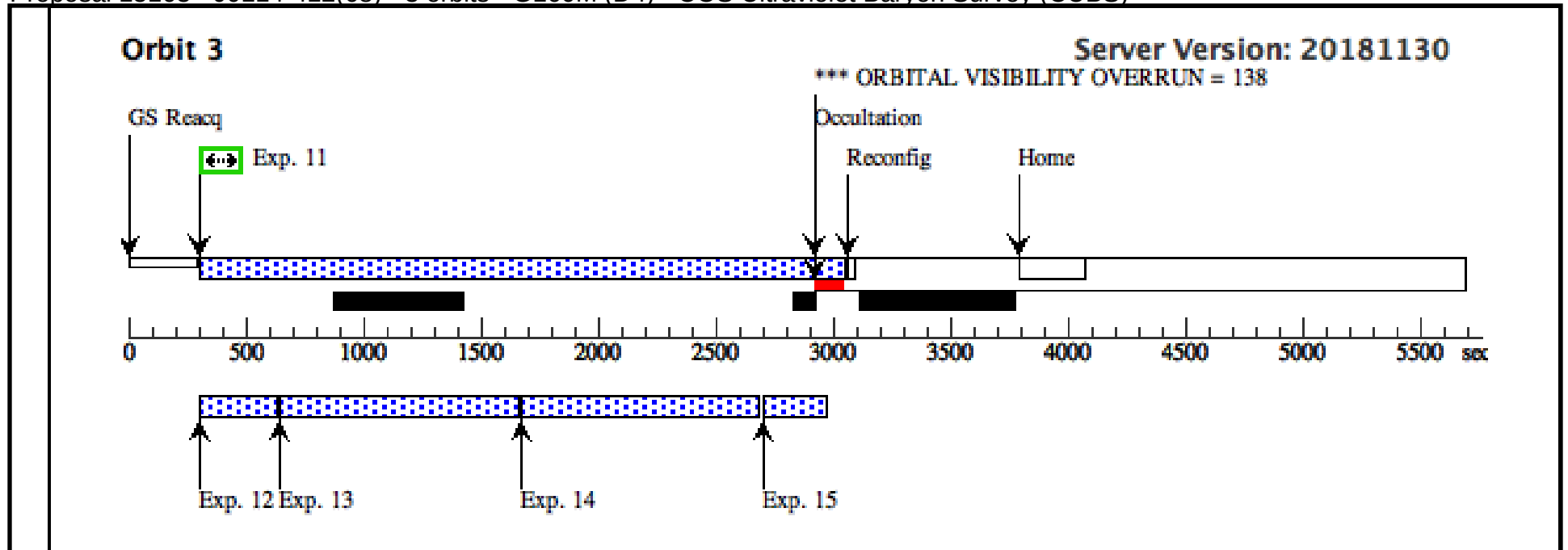
Server Version: 20181130



Orbit 2

Server Version: 20181130





Proposal 15163 - J2308-525(68) - 4 orbits - G130M - BaseOrient (N1) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J2308-525(68) - 4 orbits - G130M - BaseOrient (N1), failed					Tue Feb 26 23:04:23 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%; ORIENT 19D TO 350 D					
	Comments: This target has 15 orbits. This visit contains 6 G130M orbits+ 8 G160M 3 orbits C1223 + 3 orbits C1291 2 orbits N1577 + 2 orbits N1589 + 2 orbits C1611 + 2 orbits C1623 N1 : 4G130M TAC1291F3 + C1291F4 + C1223F12 + C1223F3 N2 : 1G160M+1G130M TAC1589F4 + C1291F3 + C1223F4 N3 : 4G160M TAC1611F2 + C1577F2 + C1577F4 N4 : 4G160M TAC1589F2 + C1611F4 + C1623F2 + G1623F4					
Diagnostics	(J2308-525(68) - 4 orbits - G130M - BaseOrient (N1)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.					
	(J2308-525(68) - 4 orbits - G130M - BaseOrient (N1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J2308-525(68) - 4 orbits - G130M - BaseOrient (N1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J2308-525(68) - 4 orbits - G130M - BaseOrient (N1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J2308-525(68) - 4 orbits - G130M - BaseOrient (N1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(14)	J230837.73-525848.5	RA: 23 08 37.7960 (347.1574833d)	Redshift: 1.067	V=16.2	Reference Frame: ICRS
			Dec: -52 58 48.94 (-52.98026d)		fuv=17.97 nuv=16.73	
			Equinox: J2000			
		Comments: Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO				

Proposal 15163 - J2308-525(68) - 4 orbits - G130M - BaseOrient (N1) - COS Ultraviolet Baryon Survey (CUBS)

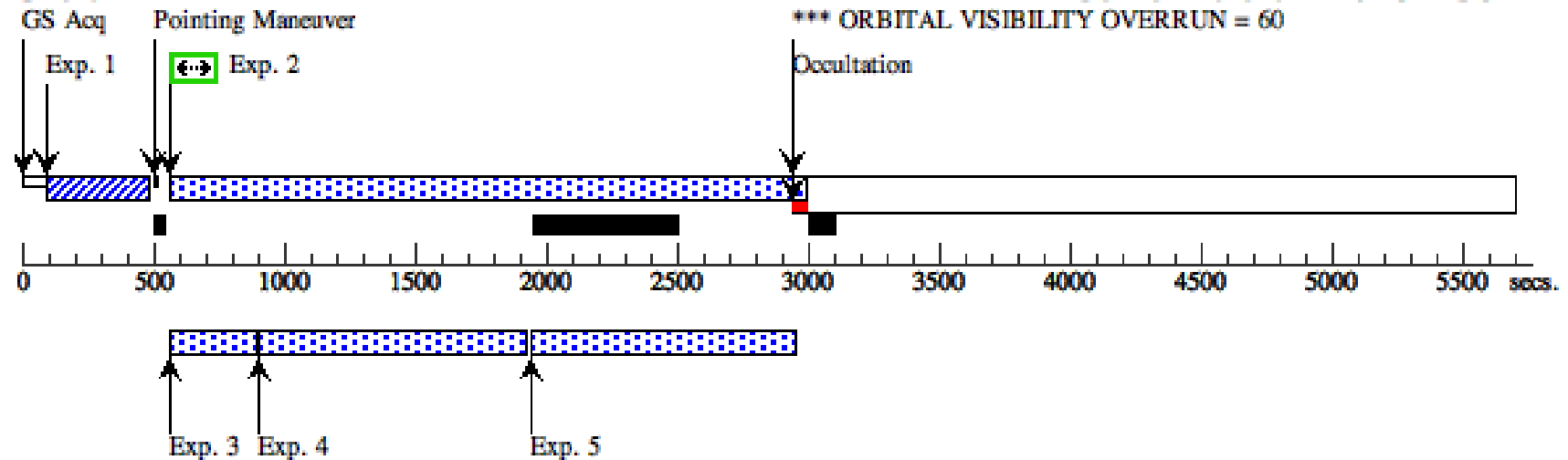
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9412)	(14) J230837.73-525 848.5	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				50 Secs (50 Secs) [==>]	[1]
	2	C1291/FP3 (COS.sp.101 2122)	(14) J230837.73-525 848.5	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=25 00		Prime + Parallel Gro up 2-5 in J2308-525(68) - 4 orbits - G130 M - BaseOrient (N1)	2257 Secs (2257 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J2308-525(68) - 4 orbits - G130 M - BaseOrient (N1)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J2308-525(68) - 4 orbits - G130 M - BaseOrient (N1)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J2308-525(68) - 4 orbits - G130 M - BaseOrient (N1)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1291/FP4 (COS.sp.101 2122)	(14) J230837.73-525 848.5	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=25 00		Prime + Parallel Gro up 6-10 in J2308-525(68) - 4 orbits - G130 M - BaseOrient (N1)	2711 Secs (2711 Secs) [==>]	[2]
	7	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J2308-525(68) - 4 orbits - G130 M - BaseOrient (N1)	252.937441 Secs (252.937 Secs) [==>]	[2]
	8	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J2308-525(68) - 4 orbits - G130 M - BaseOrient (N1)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	9	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J2308-525(68) - 4 orbits - G130 M - BaseOrient (N1)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	10	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J2308-525(68) - 4 orbits - G130 M - BaseOrient (N1)	252.937441 Secs (252.937 Secs) [==>]	[2]
	11	C1222/FP1 (COS.sp.101 3000)	(14) J230837.73-525 848.5	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=1; BUFFER-TIME=11 15		Prime + Parallel Gro up 11-13 in J2308-525(68) - 4 orbits - G130 M - BaseOrient (N1)	1215 Secs (1215 Secs) [==>]	[3]
	12	F110-12-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=12; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 11-13 in J2308-525(68) - 4 orbits - G130 M - BaseOrient (N1)	277.937956 Secs (277.938 Secs) [==>]	[3]
	13	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-13 in J2308-525(68) - 4 orbits - G130 M - BaseOrient (N1)	1002.935521 Secs (1002.936 Secs) [==>]	[3]

Proposal 15163 - J2308-525(68) - 4 orbits - G130M - BaseOrient (N1) - COS Ultraviolet Baryon Survey (CUBS)

14	C1222/FP2 (14) J230837.73-525 (COS.sp.101 848.5 3000)	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=2; BUFFER-TIME=20 00	Prime + Parallel Group 14-16 in J2308-525(68) - 4 orbits - G130M - BaseOrient (N1)	1294 Secs (1294 Secs) [==>]	[3]
15	F160-15-S2 ANY 5	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=15; SAMP-SEQ=SPAR S25	Prime + Parallel Group 14-16 in J2308-525(68) - 4 orbits - G130M - BaseOrient (N1)	352.939501 Secs (352.94 Secs) [==>]	[3]
16	G141-10-S1 ANY 00	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100	Prime + Parallel Group 14-16 in J2308-525(68) - 4 orbits - G130M - BaseOrient (N1)	902.935198 Secs (902.935 Secs) [==>]	[3]
17	C1222/FP3 (14) J230837.73-525 (COS.sp.101 848.5 3000)	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=3; BUFFER-TIME=20 00	Prime + Parallel Group 17-21 in J2308-525(68) - 4 orbits - G130M - BaseOrient (N1)	2711 Secs (2711 Secs) [==>]	[4]
18	F160-15-S2 ANY 5	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=15; SAMP-SEQ=SPAR S25	Prime + Parallel Group 17-21 in J2308-525(68) - 4 orbits - G130M - BaseOrient (N1)	352.939501 Secs (352.94 Secs) [==>]	[4]
19	G141-11-S1 ANY 00	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Group 17-21 in J2308-525(68) - 4 orbits - G130M - BaseOrient (N1)	1002.935521 Secs (1002.936 Secs) [==>]	[4]
20	G141-10-S1 ANY 00	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100	Prime + Parallel Group 17-21 in J2308-525(68) - 4 orbits - G130M - BaseOrient (N1)	902.935198 Secs (902.935 Secs) [==>]	[4]
21	F160-15-S2 ANY 5	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=15; SAMP-SEQ=SPAR S25	Prime + Parallel Group 17-21 in J2308-525(68) - 4 orbits - G130M - BaseOrient (N1)	352.939501 Secs (352.94 Secs) [==>]	[4]

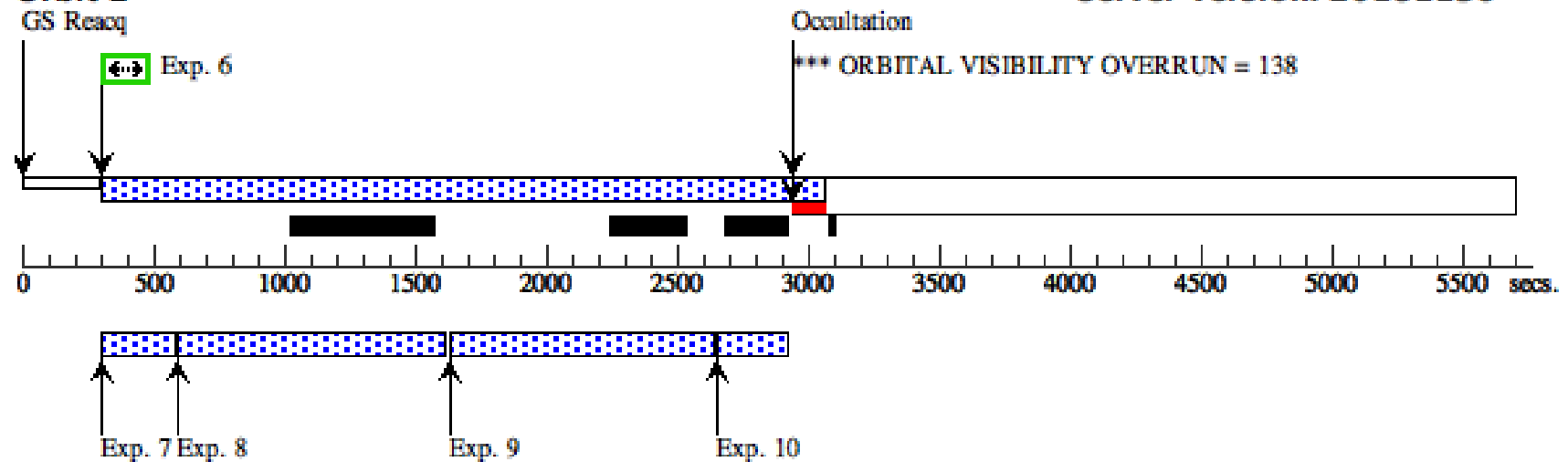
Orbit 1

Server Version: 20181130



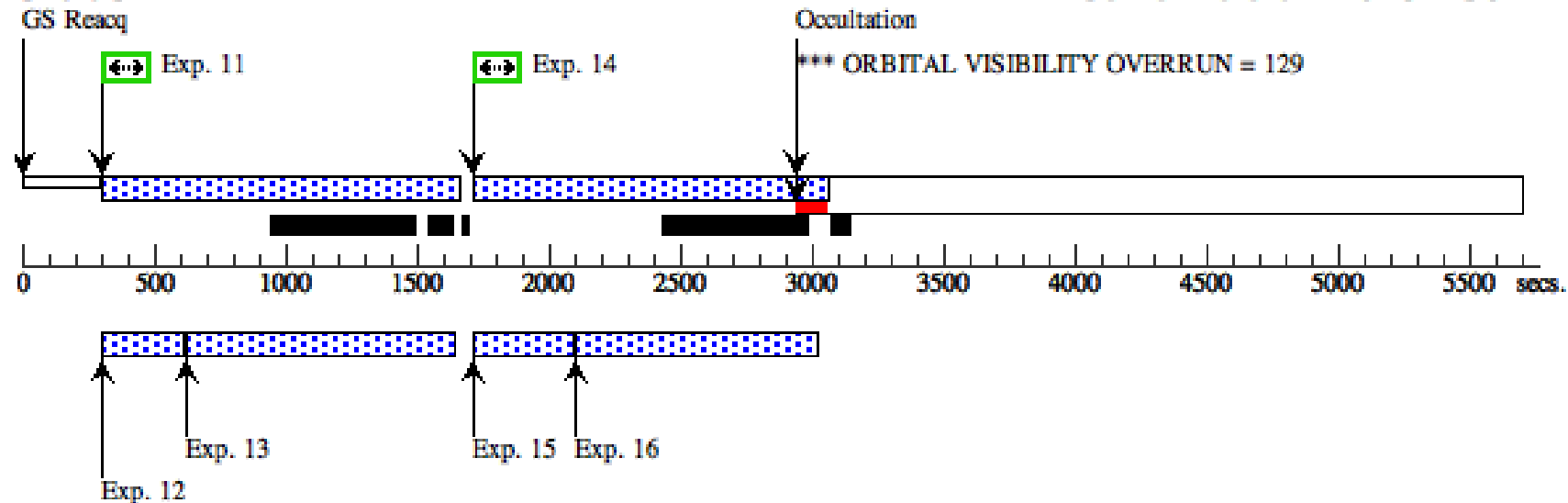
Orbit 2

Server Version: 20181130



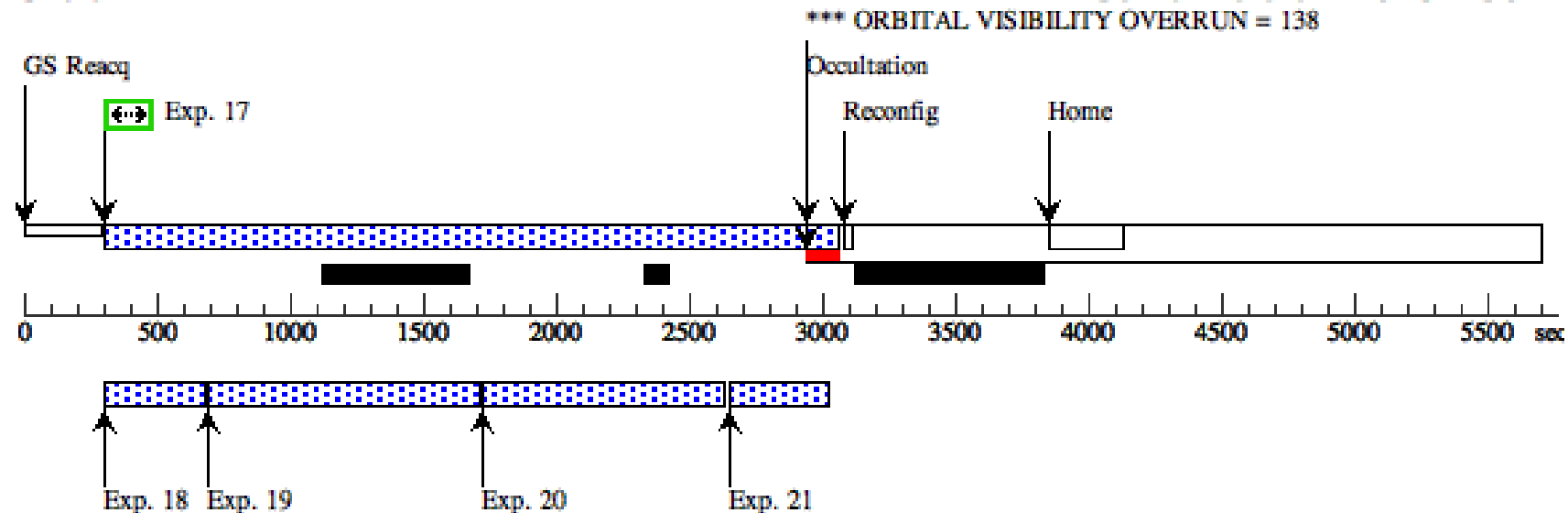
Orbit 3

Server Version: 20181130



Orbit 4

Server Version: 20181130



Proposal 15163 - J2308-525(68) - 4 orbits - G130M - BaseOrient (N7) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J2308-525(68) - 4 orbits - G130M - BaseOrient (N7), failed					Tue Feb 26 23:04:23 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%; ORIENT 19D TO 350 D					
	Comments: This target has 15 orbits. This visit contains 6 G130M orbits+ 8 G160M 3 orbits C1223 + 3 orbits C1291 2 orbits N1577 + 2 orbits N1589 + 2 orbits C1611 + 2 orbits C1623 N1 : 4G130M TAC1291F3 + C1291F4 + C1223F12 + C1223F3 N2 : 1G160M+1G130M TAC1589F4 + C1291F3 + C1223F4 N3 : 4G160M TAC1611F2 + C1577F2 + C1577F4 N4 : 4G160M TAC1589F2 + C1611F4 + C1623F2 + G1623F4 Repeat of N1					
Diagnostics	(J2308-525(68) - 4 orbits - G130M - BaseOrient (N7)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.					
	(J2308-525(68) - 4 orbits - G130M - BaseOrient (N7)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J2308-525(68) - 4 orbits - G130M - BaseOrient (N7)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J2308-525(68) - 4 orbits - G130M - BaseOrient (N7)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J2308-525(68) - 4 orbits - G130M - BaseOrient (N7)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(14)	J230837.73-525848.5	RA: 23 08 37.7960 (347.1574833d) Dec: -52 58 48.94 (-52.98026d) Equinox: J2000	Redshift: 1.067	V=16.2 fuv=17.97 nuv=16.73	Reference Frame: ICRS
	Comments:					
	Category=EXT-MEDIUM					
	Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO					

Proposal 15163 - J2308-525(68) - 4 orbits - G130M - BaseOrient (N7) - COS Ultraviolet Baryon Survey (CUBS)

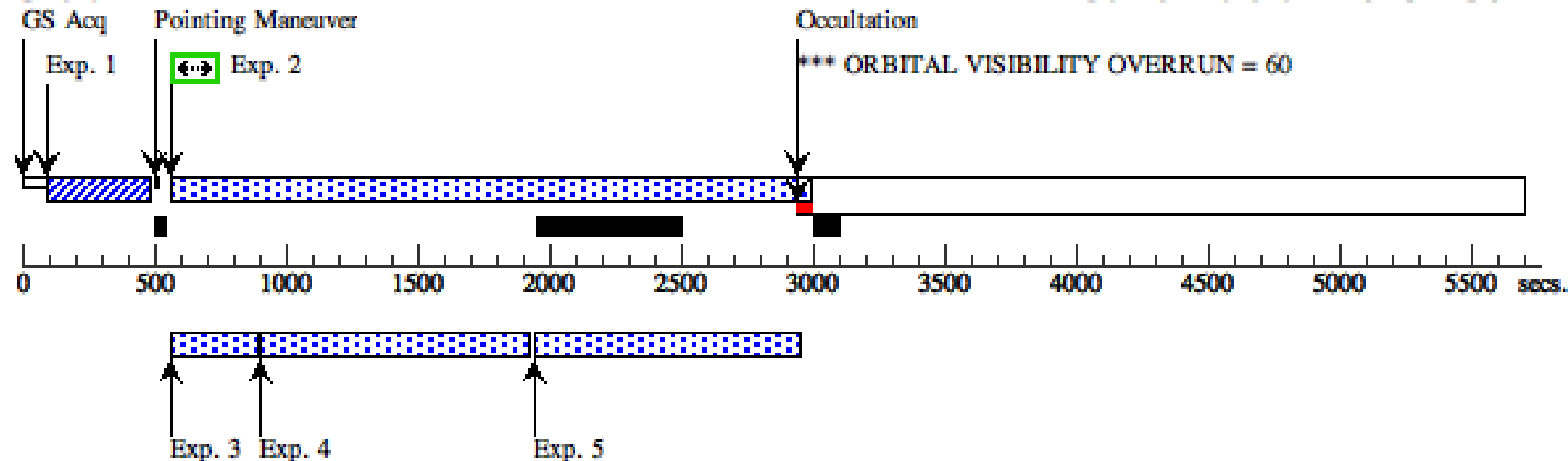
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9412)	(14) J230837.73-525 848.5	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				50 Secs (50 Secs) [==>]	[1]
	2	C1291/FP3 (COS.sp.101 2122)	(14) J230837.73-525 848.5	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=25 00		Prime + Parallel Gro up 2-5 in J2308-525(68) - 4 orbits - G130 M - BaseOrient (N7)	2257 Secs (2257 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J2308-525(68) - 4 orbits - G130 M - BaseOrient (N7)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J2308-525(68) - 4 orbits - G130 M - BaseOrient (N7)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J2308-525(68) - 4 orbits - G130 M - BaseOrient (N7)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1291/FP4 (COS.sp.101 2122)	(14) J230837.73-525 848.5	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=25 00		Prime + Parallel Gro up 6-10 in J2308-525 (68) - 4 orbits - G130 M - BaseOrient (N7)	2711 Secs (2711 Secs) [==>]	[2]
	7	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J2308-525 (68) - 4 orbits - G130 M - BaseOrient (N7)	252.937441 Secs (252.937 Secs) [==>]	[2]
	8	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J2308-525 (68) - 4 orbits - G130 M - BaseOrient (N7)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	9	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J2308-525 (68) - 4 orbits - G130 M - BaseOrient (N7)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	10	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J2308-525 (68) - 4 orbits - G130 M - BaseOrient (N7)	252.937441 Secs (252.937 Secs) [==>]	[2]
	11	C1222/FP1 (COS.sp.101 3000)	(14) J230837.73-525 848.5	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=1; BUFFER-TIME=11 15		Prime + Parallel Gro up 11-13 in J2308-52 5(68) - 4 orbits - G13 0M - BaseOrient (N7)	1215 Secs (1215 Secs) [==>]	[3]
	12	F110-12-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=12; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 11-13 in J2308-52 5(68) - 4 orbits - G13 0M - BaseOrient (N7)	277.937956 Secs (277.938 Secs) [==>]	[3]
	13	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-13 in J2308-52 5(68) - 4 orbits - G13 0M - BaseOrient (N7)	1002.935521 Secs (1002.936 Secs) [==>]	[3]

Proposal 15163 - J2308-525(68) - 4 orbits - G130M - BaseOrient (N7) - COS Ultraviolet Baryon Survey (CUBS)

14	C1222/FP2 (COS.sp.101 848.5 3000)	(14) J230837.73-525	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=2; BUFFER-TIME=20 00	Prime + Parallel Gro up 14-16 in J2308-52 5(68) - 4 orbits - G13 0M - BaseOrient (N7)	1294 Secs (1294 Secs) [==>]	[3]
15	F160-15-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=15; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 14-16 in J2308-52 5(68) - 4 orbits - G13 0M - BaseOrient (N7)	352.939501 Secs (352.94 Secs) [==>]	[3]
16	G141-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 14-16 in J2308-52 5(68) - 4 orbits - G13 0M - BaseOrient (N7)	902.935198 Secs (902.935 Secs) [==>]	[3]
17	C1222/FP3 (COS.sp.101 848.5 3000)	(14) J230837.73-525	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=3; BUFFER-TIME=20 00	Prime + Parallel Gro up 17-21 in J2308-52 5(68) - 4 orbits - G13 0M - BaseOrient (N7)	2711 Secs (2711 Secs) [==>]	[4]
18	F160-15-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=15; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 17-21 in J2308-52 5(68) - 4 orbits - G13 0M - BaseOrient (N7)	352.939501 Secs (352.94 Secs) [==>]	[4]
19	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 17-21 in J2308-52 5(68) - 4 orbits - G13 0M - BaseOrient (N7)	1002.935521 Secs (1002.936 Secs) [==>]	[4]
20	G141-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 17-21 in J2308-52 5(68) - 4 orbits - G13 0M - BaseOrient (N7)	902.935198 Secs (902.935 Secs) [==>]	[4]
21	F160-15-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=15; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 17-21 in J2308-52 5(68) - 4 orbits - G13 0M - BaseOrient (N7)	352.939501 Secs (352.94 Secs) [==>]	[4]

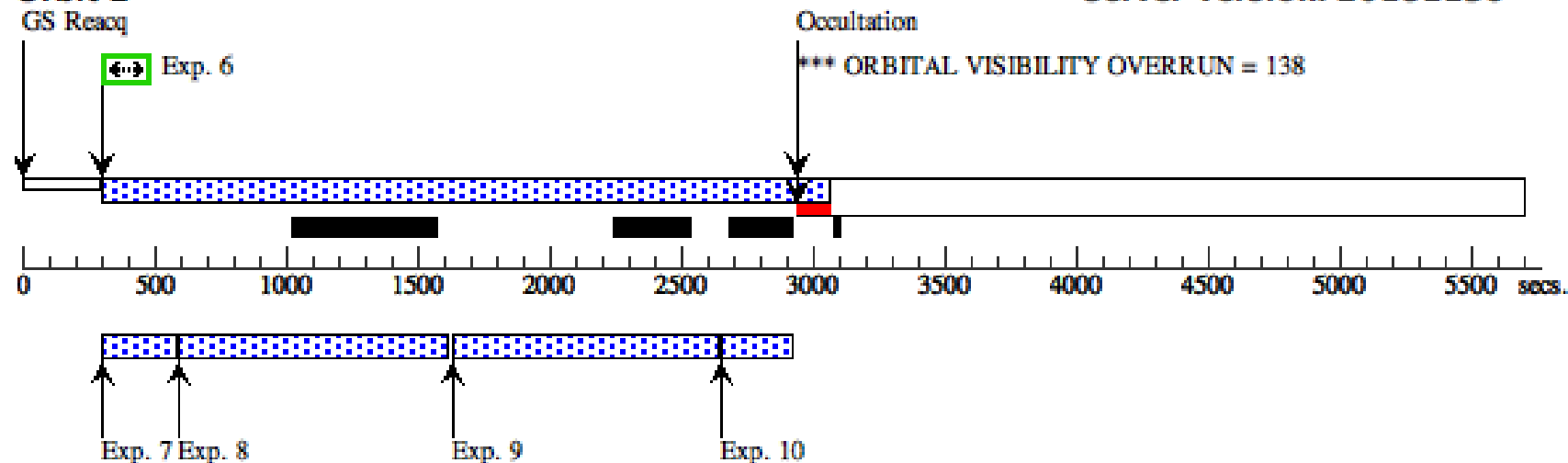
Orbit 1

Server Version: 20181130



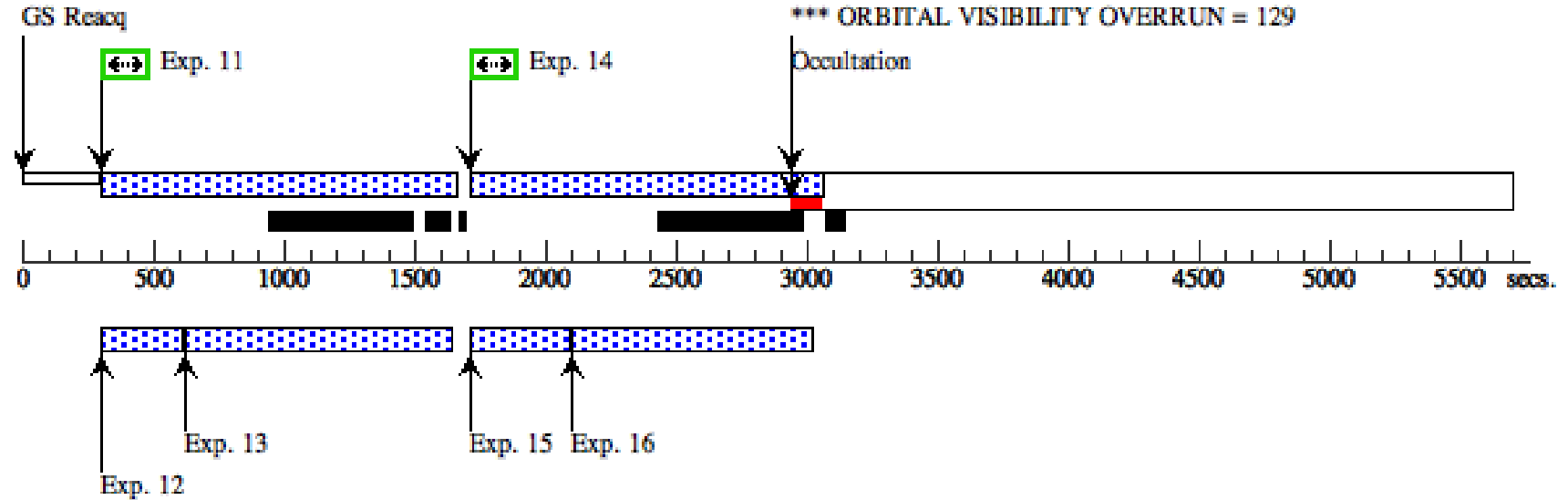
Orbit 2

Server Version: 20181130



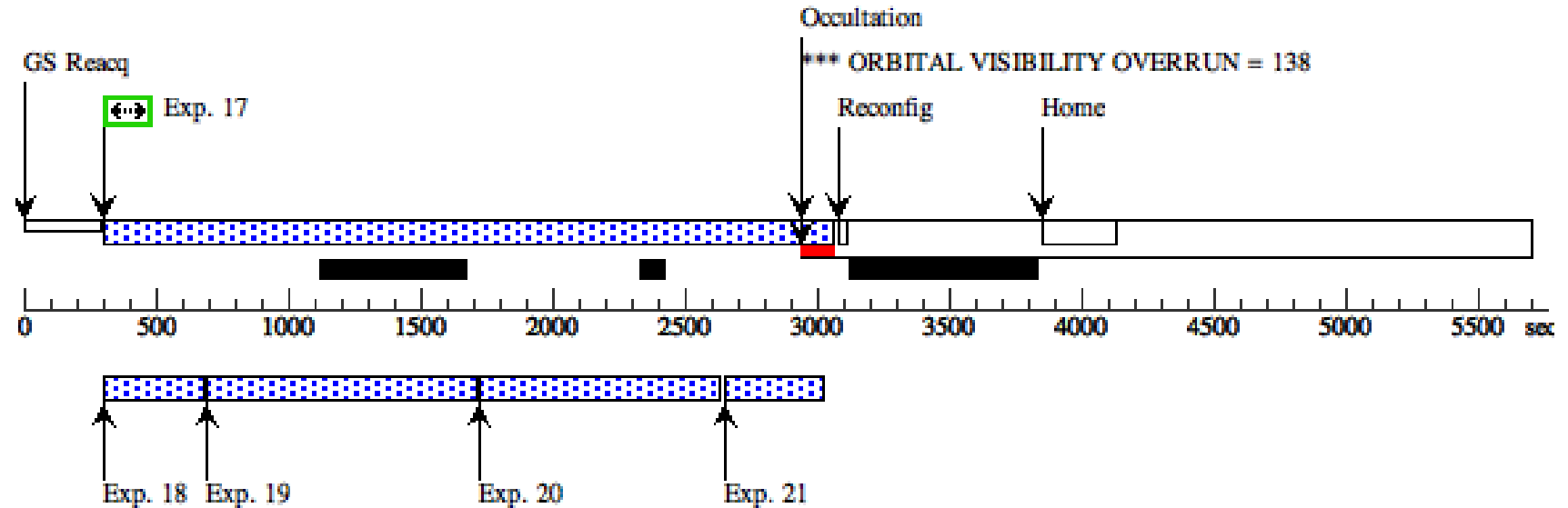
Orbit 3

Server Version: 20181130



Orbit 4

Server Version: 20181130



Proposal 15163 - J2308-525(68) - 4 orbits - G130M - BaseOrient (N8) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J2308-525(68) - 4 orbits - G130M - BaseOrient (N8), completed					Tue Feb 26 23:04:23 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%; ORIENT 19D TO 350 D					
	Comments: This target has 15 orbits. This visit contains 6 G130M orbits+ 8 G160M 3 orbits C1223 + 3 orbits C1291 2 orbits N1577 + 2 orbits N1589 + 2 orbits C1611 + 2 orbits C1623 N1 : 4G130M TAC1291F3 + C1291F4 + C1223F12 + C1223F3 N2 : 1G160M+1G130M TAC1589F4 + C1291F3 + C1223F4 N3 : 4G160M TAC1611F2 + C1577F2 + C1577F4 N4 : 4G160M TAC1589F2 + C1611F4 + C1623F2 + G1623F4 Repeat of N1/N7					
Diagnostics	(J2308-525(68) - 4 orbits - G130M - BaseOrient (N8)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.					
	(J2308-525(68) - 4 orbits - G130M - BaseOrient (N8)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J2308-525(68) - 4 orbits - G130M - BaseOrient (N8)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J2308-525(68) - 4 orbits - G130M - BaseOrient (N8)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J2308-525(68) - 4 orbits - G130M - BaseOrient (N8)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(14)	J230837.73-525848.5	RA: 23 08 37.7960 (347.1574833d) Dec: -52 58 48.94 (-52.98026d) Equinox: J2000	Redshift: 1.067	V=16.2 fuv=17.97 nuv=16.73	Reference Frame: ICRS
	Comments:					
	Category=EXT-MEDIUM					
	Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO					

Proposal 15163 - J2308-525(68) - 4 orbits - G130M - BaseOrient (N8) - COS Ultraviolet Baryon Survey (CUBS)

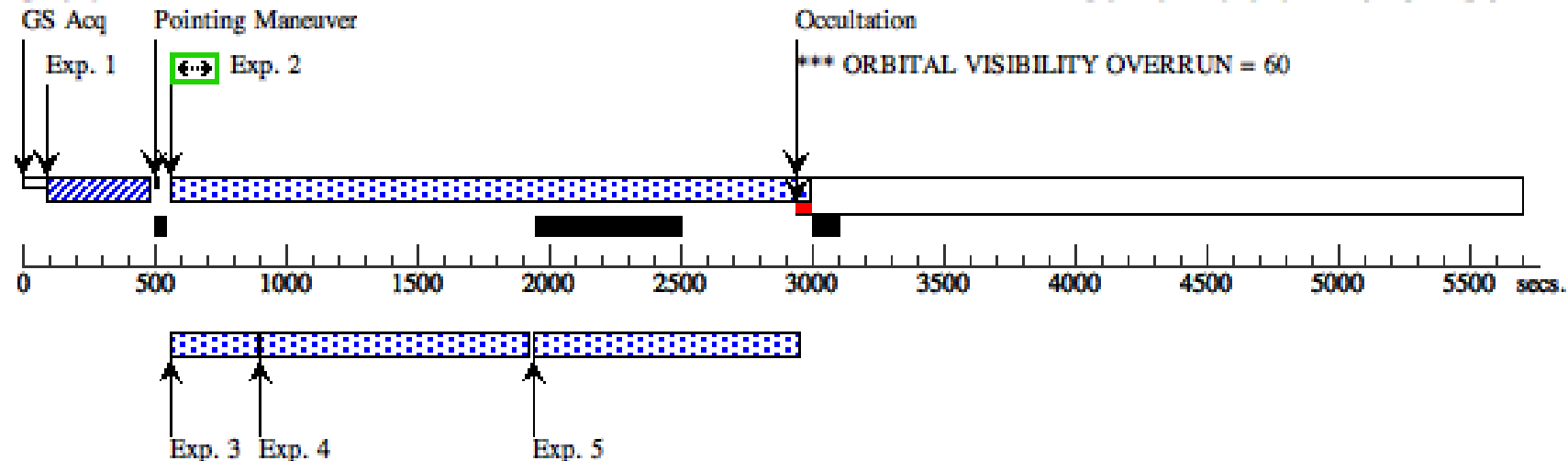
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9412)	(14) J230837.73-525 848.5	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				50 Secs (50 Secs) [==>]	[1]
	2	C1291/FP3 (COS.sp.101 2122)	(14) J230837.73-525 848.5	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=25 00		Prime + Parallel Gro up 2-5 in J2308-525(68) - 4 orbits - G130 M - BaseOrient (N8)	2257 Secs (2257 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J2308-525(68) - 4 orbits - G130 M - BaseOrient (N8)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J2308-525(68) - 4 orbits - G130 M - BaseOrient (N8)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J2308-525(68) - 4 orbits - G130 M - BaseOrient (N8)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1291/FP4 (COS.sp.101 2122)	(14) J230837.73-525 848.5	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=25 00		Prime + Parallel Gro up 6-10 in J2308-525 (68) - 4 orbits - G130 M - BaseOrient (N8)	2711 Secs (2711 Secs) [==>]	[2]
	7	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J2308-525 (68) - 4 orbits - G130 M - BaseOrient (N8)	252.937441 Secs (252.937 Secs) [==>]	[2]
	8	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J2308-525 (68) - 4 orbits - G130 M - BaseOrient (N8)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	9	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J2308-525 (68) - 4 orbits - G130 M - BaseOrient (N8)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	10	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J2308-525 (68) - 4 orbits - G130 M - BaseOrient (N8)	252.937441 Secs (252.937 Secs) [==>]	[2]
	11	C1222/FP1 (COS.sp.101 3000)	(14) J230837.73-525 848.5	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=1; BUFFER-TIME=11 15		Prime + Parallel Gro up 11-13 in J2308-52 5(68) - 4 orbits - G13 0M - BaseOrient (N8)	1215 Secs (1215 Secs) [==>]	[3]
	12	F110-12-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=12; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 11-13 in J2308-52 5(68) - 4 orbits - G13 0M - BaseOrient (N8)	277.937956 Secs (277.938 Secs) [==>]	[3]
	13	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-13 in J2308-52 5(68) - 4 orbits - G13 0M - BaseOrient (N8)	1002.935521 Secs (1002.936 Secs) [==>]	[3]

Proposal 15163 - J2308-525(68) - 4 orbits - G130M - BaseOrient (N8) - COS Ultraviolet Baryon Survey (CUBS)

14	C1222/FP2 (COS.sp.101 848.5 3000)	(14) J230837.73-525	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=2; BUFFER-TIME=20 00	Prime + Parallel Gro up 14-16 in J2308-52 5(68) - 4 orbits - G13 0M - BaseOrient (N8)	1294 Secs (1294 Secs) [==>]	[3]
15	F160-15-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=15; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 14-16 in J2308-52 5(68) - 4 orbits - G13 0M - BaseOrient (N8)	352.939501 Secs (352.94 Secs) [==>]	[3]
16	G141-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 14-16 in J2308-52 5(68) - 4 orbits - G13 0M - BaseOrient (N8)	902.935198 Secs (902.935 Secs) [==>]	[3]
17	C1222/FP3 (COS.sp.101 848.5 3000)	(14) J230837.73-525	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=3; BUFFER-TIME=20 00	Prime + Parallel Gro up 17-21 in J2308-52 5(68) - 4 orbits - G13 0M - BaseOrient (N8)	2711 Secs (2711 Secs) [==>]	[4]
18	F160-15-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=15; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 17-21 in J2308-52 5(68) - 4 orbits - G13 0M - BaseOrient (N8)	352.939501 Secs (352.94 Secs) [==>]	[4]
19	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 17-21 in J2308-52 5(68) - 4 orbits - G13 0M - BaseOrient (N8)	1002.935521 Secs (1002.936 Secs) [==>]	[4]
20	G141-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 17-21 in J2308-52 5(68) - 4 orbits - G13 0M - BaseOrient (N8)	902.935198 Secs (902.935 Secs) [==>]	[4]
21	F160-15-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=15; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 17-21 in J2308-52 5(68) - 4 orbits - G13 0M - BaseOrient (N8)	352.939501 Secs (352.94 Secs) [==>]	[4]

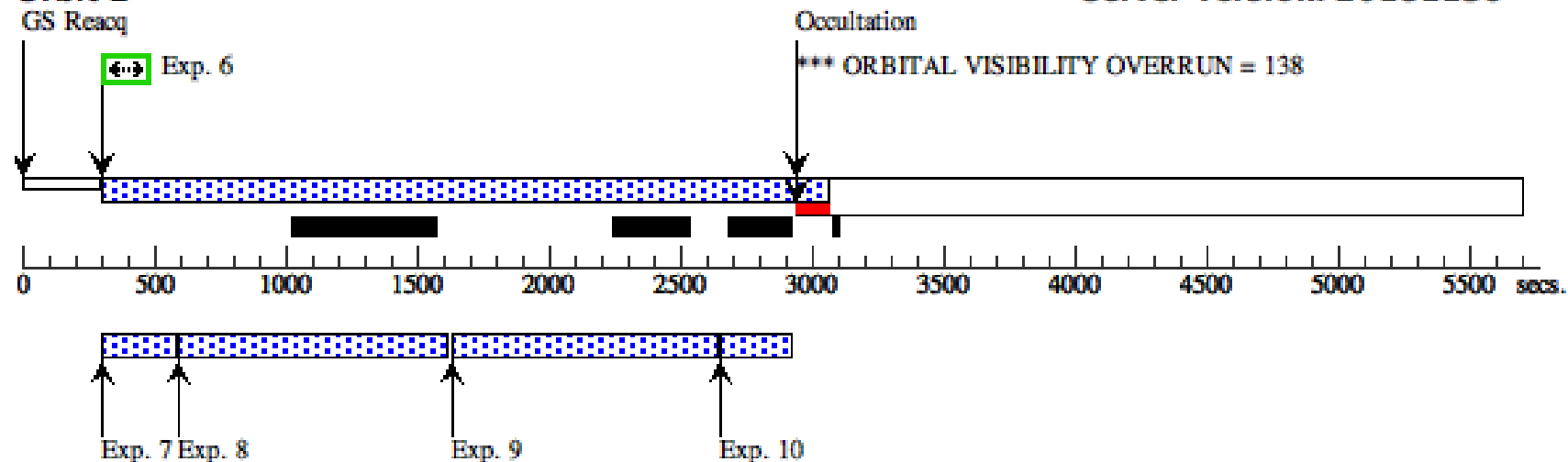
Orbit 1

Server Version: 20181130



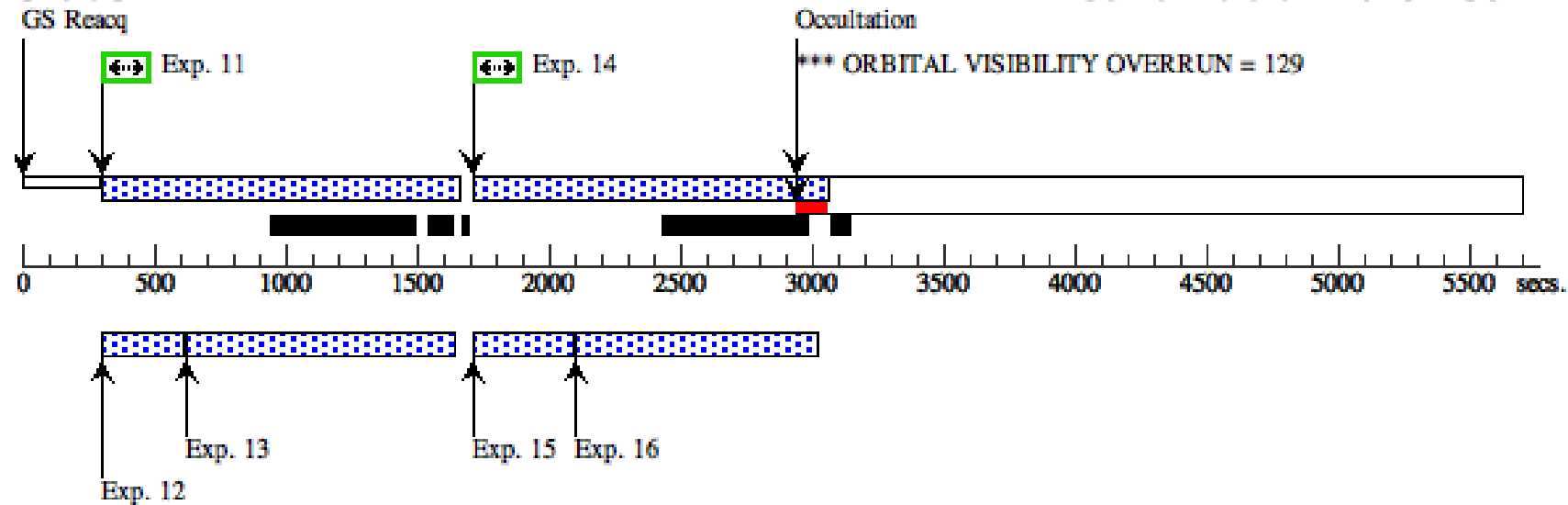
Orbit 2

Server Version: 20181130



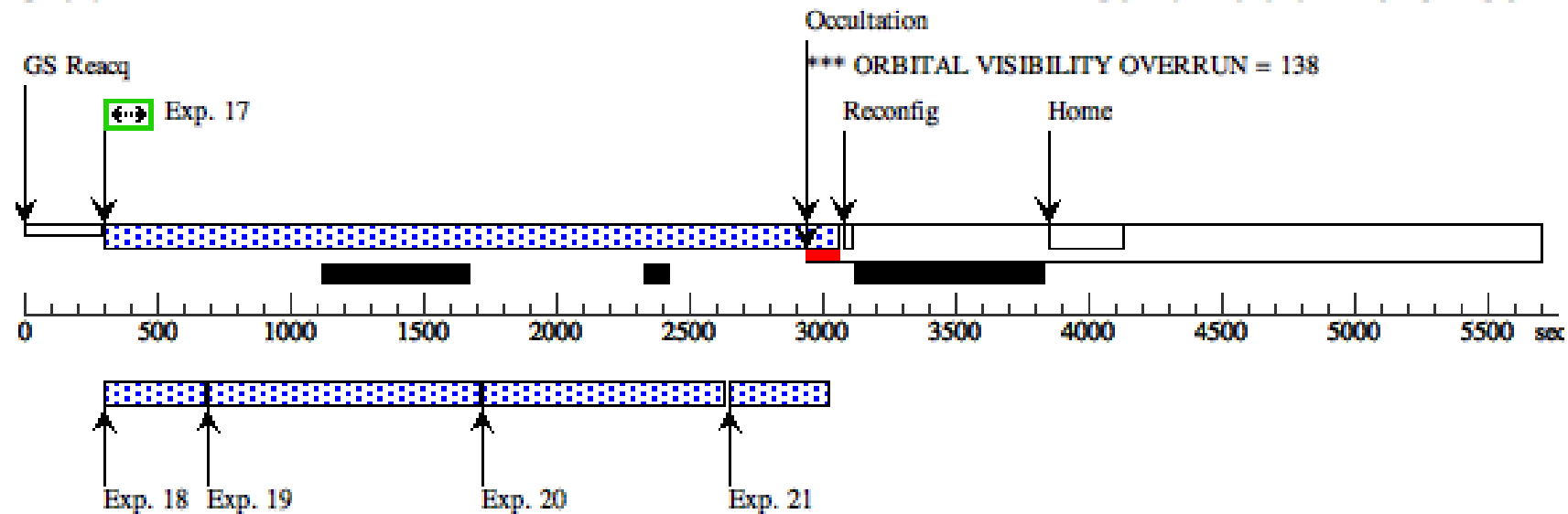
Orbit 3

Server Version: 20181130



Orbit 4

Server Version: 20181130



Proposal 15163 - J2308-525(68) - 3 orbits - G130M (N2) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J2308-525(68) - 3 orbits - G130M (N2), failed					Tue Feb 26 23:04:23 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%; ORIENT 19D TO 350 D					
Comments: See comment in N1						
Diagnostics	(J2308-525(68) - 3 orbits - G130M (N2)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.					
	(J2308-525(68) - 3 orbits - G130M (N2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J2308-525(68) - 3 orbits - G130M (N2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J2308-525(68) - 3 orbits - G130M (N2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(14)	J230837.73-525848.5	RA: 23 08 37.7960 (347.1574833d)	Redshift: 1.067	V=16.2	Reference Frame: ICRS
			Dec: -52 58 48.94 (-52.98026d)		fuv=17.97 nuv=16.73	
			Equinox: J2000			
Comments:						
Category=EXT-MEDIUM						
Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM]						
Extended=NO						

Proposal 15163 - J2308-525(68) - 3 orbits - G130M (N2) - COS Ultraviolet Baryon Survey (CUBS)

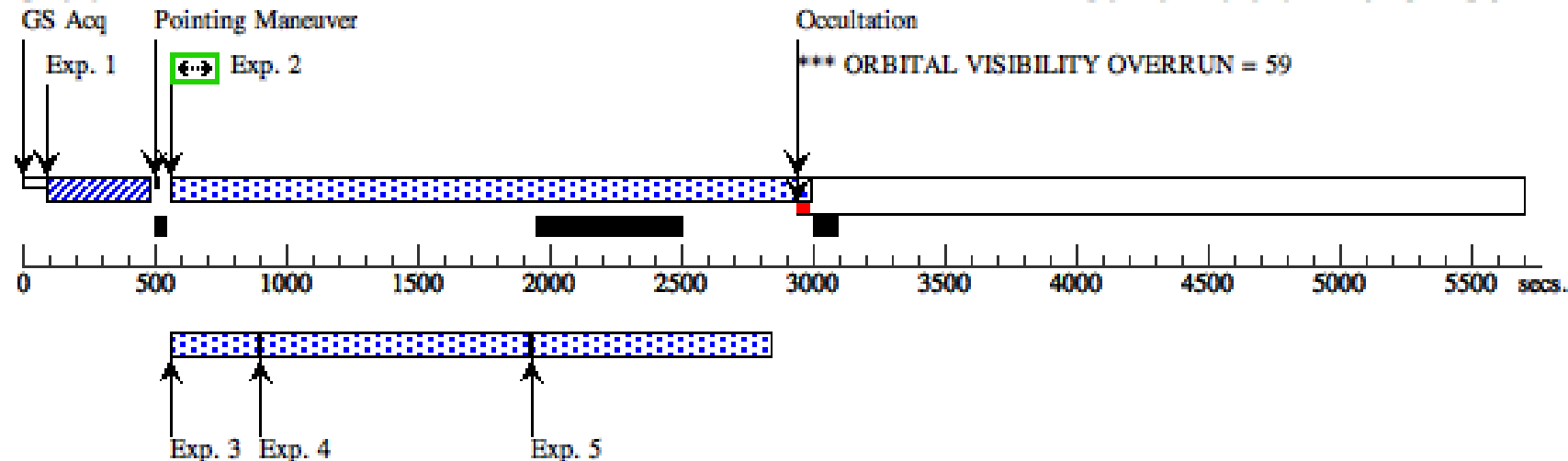
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9412)	(14) J230837.73-525 848.5	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				49 Secs (49 Secs) [==>]	[1]
	2	C1589/F4 (COS.sp.101 2137)	(14) J230837.73-525 848.5	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=4; BUFFER-TIME=25 00		Prime + Parallel Gro up 2-5 in J2308-525(68) - 3 orbits - G130 M (N2)	2215 Secs (2215 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J2308-525(68) - 3 orbits - G130 M (N2)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J2308-525(68) - 3 orbits - G130 M (N2)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=10; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J2308-525(68) - 3 orbits - G130 M (N2)	902.935198 Secs (902.935 Secs) [==>]	[1]
	6	C1291/FP3 (COS.sp.101 2122)	(14) J230837.73-525 848.5	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=28 00		Prime + Parallel Gro up 6-10 in J2308-525(68) - 3 orbits - G130 M (N2)	2593 Secs (2593 Secs) [==>]	[2]
	7	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J2308-525(68) - 3 orbits - G130 M (N2)	302.938471 Secs (302.938 Secs) [==>]	[2]
	8	G102-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=10; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J2308-525(68) - 3 orbits - G130 M (N2)	902.935198 Secs (902.935 Secs) [==>]	[2]
	9	F110-10-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=10; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J2308-525(68) - 3 orbits - G130 M (N2)	227.936926 Secs (227.937 Secs) [==>]	[2]
	10	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J2308-525(68) - 3 orbits - G130 M (N2)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	11	C1222/FP4 (COS.sp.101 2122)	(14) J230837.73-525 848.5	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=4; BUFFER-TIME=20 00		Prime + Parallel Gro up 11-15 in J2308-52 5(68) - 3 orbits - G13 0M (N2)	2613.8 Secs (2613.8 Secs) [==>]	[3]
	12	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 11-15 in J2308-52 5(68) - 3 orbits - G13 0M (N2)	302.938471 Secs (302.938 Secs) [==>]	[3]
	13	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-15 in J2308-52 5(68) - 3 orbits - G13 0M (N2)	1002.935521 Secs (1002.936 Secs) [==>]	[3]
	14	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-15 in J2308-52 5(68) - 3 orbits - G13 0M (N2)	1002.935521 Secs (1002.936 Secs) [==>]	[3]

Proposal 15163 - J2308-525(68) - 3 orbits - G130M (N2) - COS Ultraviolet Baryon Survey (CUBS)

	15	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 11-15 in J2308-52 5(68) - 3 orbits - G13 0M (N2)	302.938471 Secs (302.938 Secs)	
								[==>]	[3]

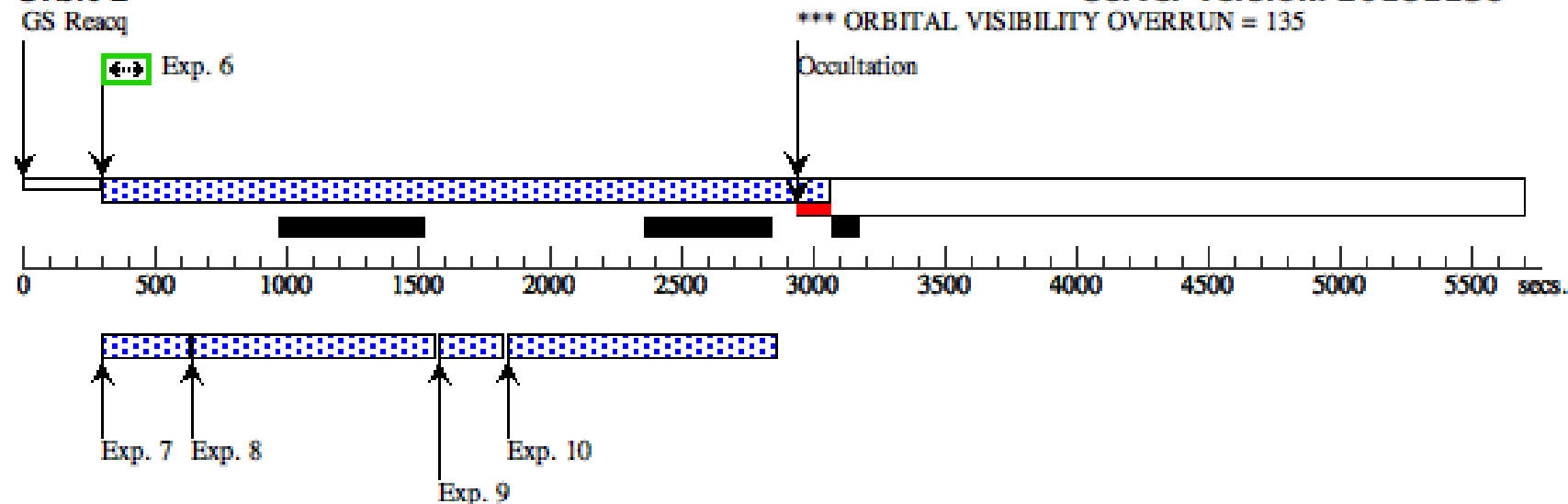
Orbit 1

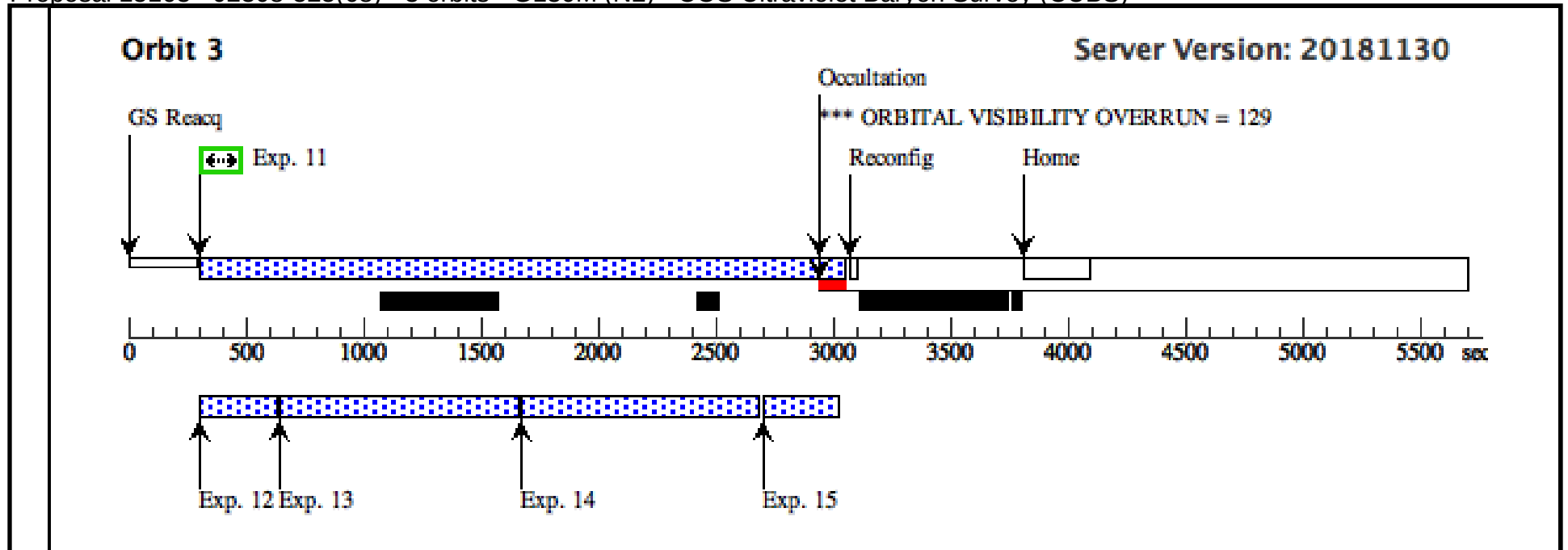
Server Version: 20181130



Orbit 2

Server Version: 20181130





Proposal 15163 - J2308-525(68) - 3 orbits - G130M (N5) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J2308-525(68) - 3 orbits - G130M (N5), completed					Tue Feb 26 23:04:23 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%; ORIENT 19D TO 350 D					
Comments: See comment in N1						
Diagnostics	(J2308-525(68) - 3 orbits - G130M (N5)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.					
	(J2308-525(68) - 3 orbits - G130M (N5)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J2308-525(68) - 3 orbits - G130M (N5)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J2308-525(68) - 3 orbits - G130M (N5)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(14)	J230837.73-525848.5	RA: 23 08 37.7960 (347.1574833d) Dec: -52 58 48.94 (-52.98026d) Equinox: J2000	Redshift: 1.067	V=16.2 fuv=17.97 nuv=16.73	Reference Frame: ICRS
	Comments: Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO					

Proposal 15163 - J2308-525(68) - 3 orbits - G130M (N5) - COS Ultraviolet Baryon Survey (CUBS)

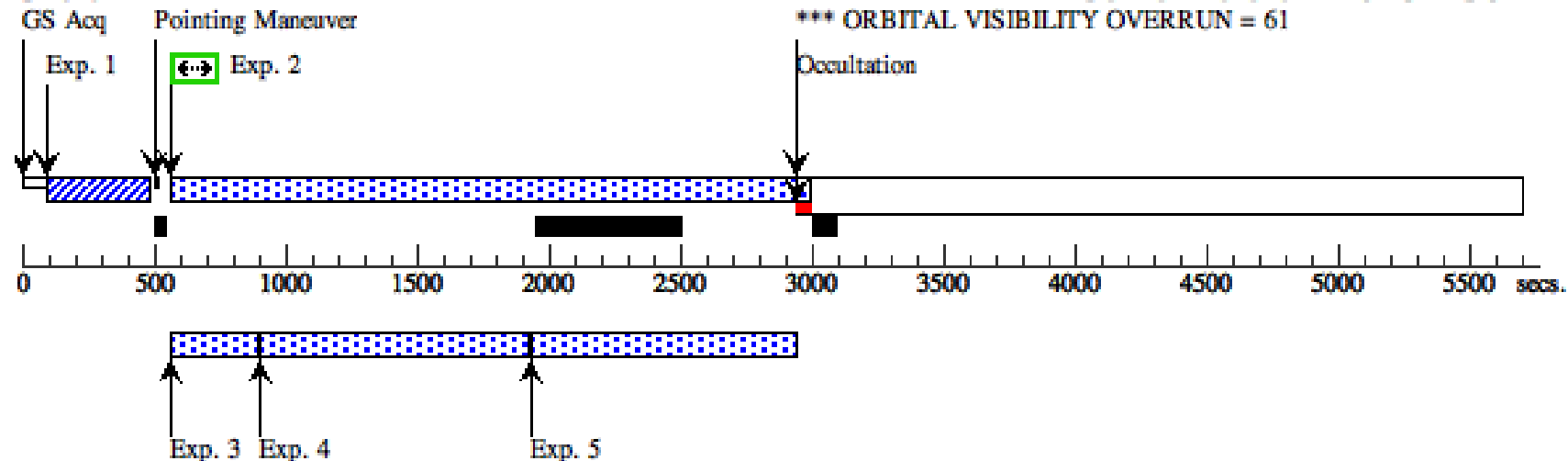
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9412)	(14) J230837.73-525 848.5	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				49 Secs (49 Secs) [==>]	[1]
	2	C1589/F1 (COS.sp.101 2137)	(14) J230837.73-525 848.5	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=3; BUFFER-TIME=25 00		Prime + Parallel Gro up 2-5 in J2308-525(68) - 3 orbits - G130 M (N5)	2217 Secs (2217 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J2308-525(68) - 3 orbits - G130 M (N5)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J2308-525(68) - 3 orbits - G130 M (N5)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J2308-525(68) - 3 orbits - G130 M (N5)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1291/FP3 (COS.sp.101 2122)	(14) J230837.73-525 848.5	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=28 00		Prime + Parallel Gro up 6-10 in J2308-525 (68) - 3 orbits - G130 M (N5)	2598 Secs (2598 Secs) [==>]	[2]
	7	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J2308-525 (68) - 3 orbits - G130 M (N5)	302.938471 Secs (302.938 Secs) [==>]	[2]
	8	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J2308-525 (68) - 3 orbits - G130 M (N5)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	9	F110-10-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=10; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J2308-525 (68) - 3 orbits - G130 M (N5)	227.936926 Secs (227.937 Secs) [==>]	[2]
	10	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J2308-525 (68) - 3 orbits - G130 M (N5)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	11	C1222/FP4 (COS.sp.101 2122)	(14) J230837.73-525 848.5	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=4; BUFFER-TIME=20 00		Prime + Parallel Gro up 11-15 in J2308-52 5(68) - 3 orbits - G13 0M (N5)	2624 Secs (2624 Secs) [==>]	[3]
	12	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 11-15 in J2308-52 5(68) - 3 orbits - G13 0M (N5)	302.938471 Secs (302.938 Secs) [==>]	[3]
	13	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-15 in J2308-52 5(68) - 3 orbits - G13 0M (N5)	1002.935521 Secs (1002.936 Secs) [==>]	[3]
	14	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-15 in J2308-52 5(68) - 3 orbits - G13 0M (N5)	1002.935521 Secs (1002.936 Secs) [==>]	[3]

Proposal 15163 - J2308-525(68) - 3 orbits - G130M (N5) - COS Ultraviolet Baryon Survey (CUBS)

	15	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 11-15 in J2308-52 5(68) - 3 orbits - G13 0M (N5)	302.938471 Secs (302.938 Secs)	
								[==>]	[3]

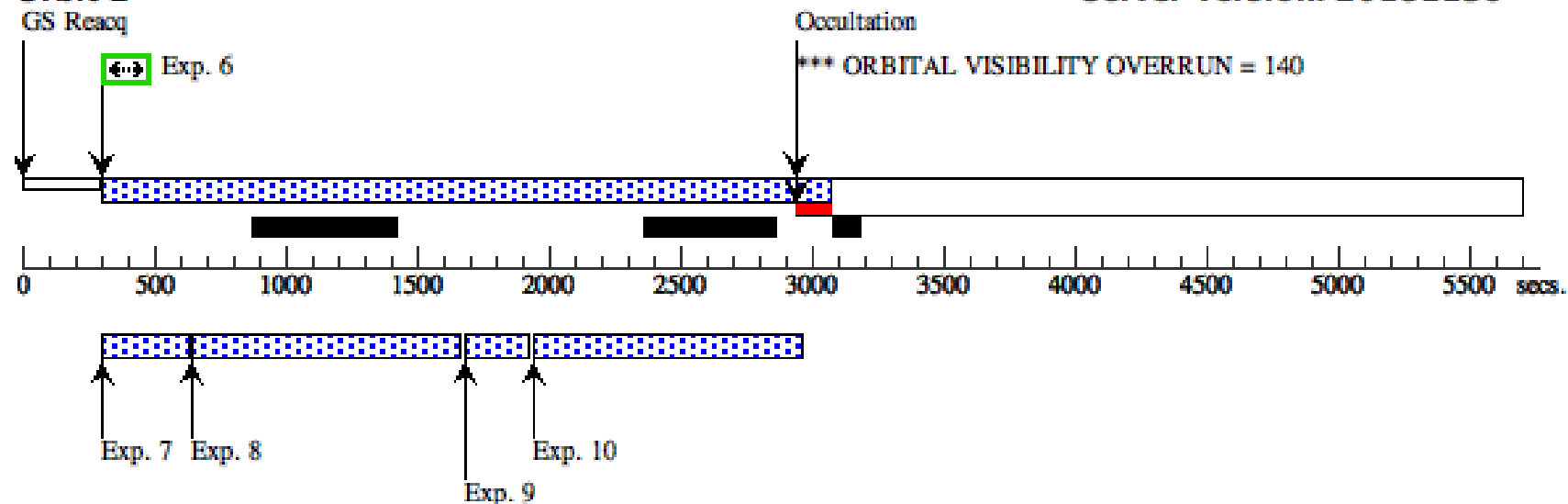
Orbit 1

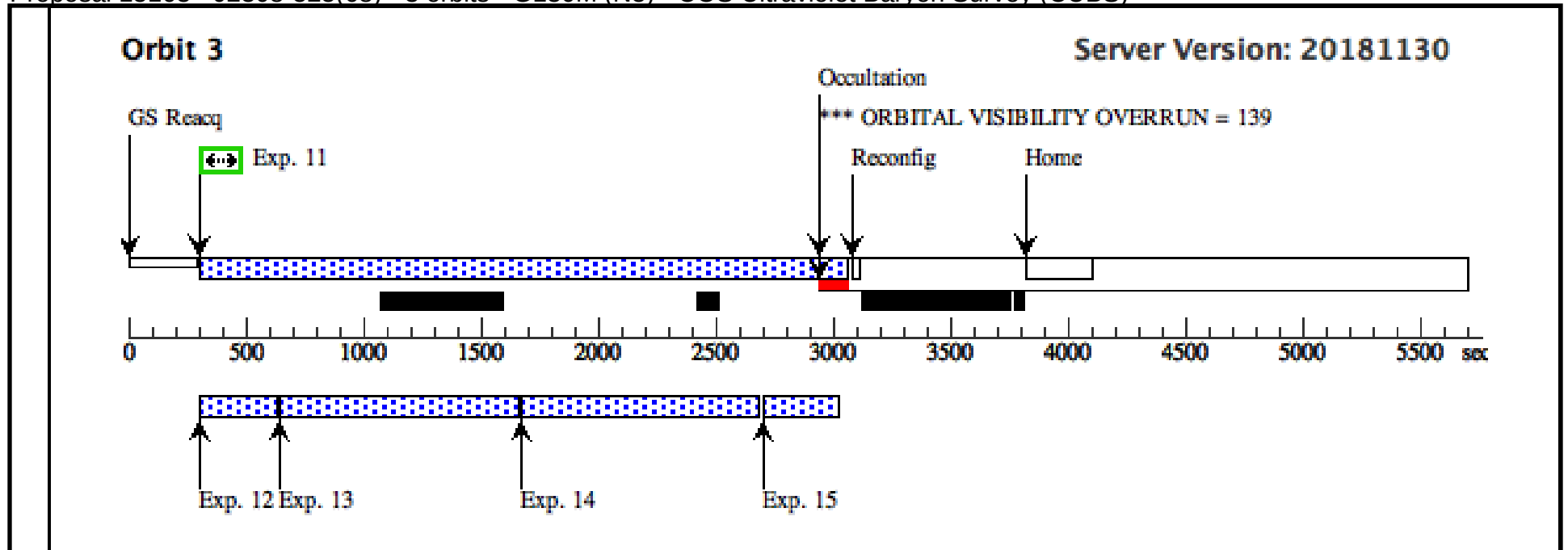
Server Version: 20181130



Orbit 2

Server Version: 20181130





Proposal 15163 - J2308-525(68) - 4 orbits - G160M (N3) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J2308-525(68) - 4 orbits - G160M (N3), failed Tue Feb 26 23:04:23 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV Special Requirements: SCHED 100%; ORIENT 19D TO 350 D <i>Comments: see comment in N1</i>				
Diagnostics	(J2308-525(68) - 4 orbits - G160M (N3)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.				
	(J2308-525(68) - 4 orbits - G160M (N3)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS				
	(J2308-525(68) - 4 orbits - G160M (N3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(J2308-525(68) - 4 orbits - G160M (N3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(J2308-525(68) - 4 orbits - G160M (N3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(J2308-525(68) - 4 orbits - G160M (N3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(14)	J230837.73-525848.5	RA: 23 08 37.7960 (347.1574833d) Dec: -52 58 48.94 (-52.98026d) Equinox: J2000	Redshift: 1.067	V=16.2 fuv=17.97 nuv=16.73
	<i>Comments:</i> Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO				
	Reference Frame: ICRS				

Proposal 15163 - J2308-525(68) - 4 orbits - G160M (N3) - COS Ultraviolet Baryon Survey (CUBS)

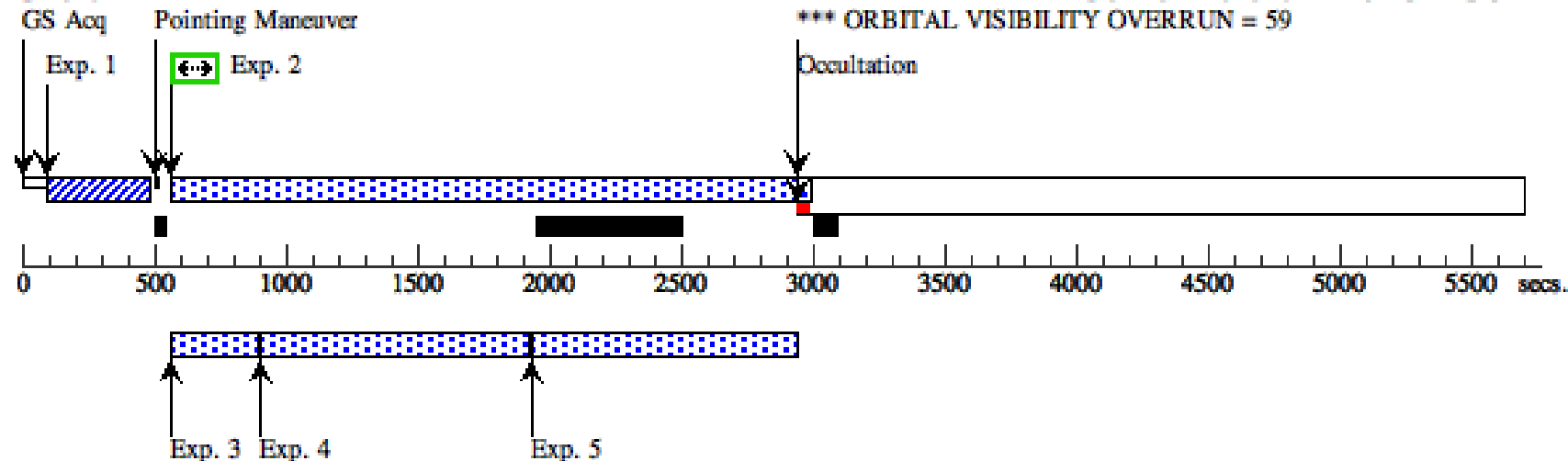
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9412)	(14) J230837.73-525 848.5	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				49 Secs (49 Secs) [==>]	[1]
	2	C1589/FP2 (COS.sp.101 2137)	(14) J230837.73-525 848.5	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=2; BUFFER-TIME=25 00		Prime + Parallel Gro up 2-5 in J2308-525(68) - 4 orbits - G160 M (N3)	2215 Secs (2215 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J2308-525(68) - 4 orbits - G160 M (N3)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J2308-525(68) - 4 orbits - G160 M (N3)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J2308-525(68) - 4 orbits - G160 M (N3)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1611/FP4 (COS.sp.101 2135)	(14) J230837.73-525 848.5	COS/FUV, TIME-TAG, PSA	G160M 1611 A	FP-POS=4; BUFFER-TIME=25 00		Prime + Parallel Gro up 6-10 in J2308-525 (68) - 4 orbits - G160 M (N3)	2635 Secs (2635 Secs) [==>]	[2]
	7	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J2308-525 (68) - 4 orbits - G160 M (N3)	302.938471 Secs (302.938 Secs) [==>]	[2]
	8	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J2308-525 (68) - 4 orbits - G160 M (N3)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	9	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J2308-525 (68) - 4 orbits - G160 M (N3)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	10	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J2308-525 (68) - 4 orbits - G160 M (N3)	302.938471 Secs (302.938 Secs) [==>]	[2]
	11	C1611/FP2 (COS.sp.101 2135)	(14) J230837.73-525 848.5	COS/FUV, TIME-TAG, PSA	G160M 1611 A	FP-POS=2; BUFFER-TIME=25 00		Prime + Parallel Gro up 11-15 in J2308-52 5(68) - 4 orbits - G16 0M (N3)	2644 Secs (2644 Secs) [==>]	[3]
	12	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 11-15 in J2308-52 5(68) - 4 orbits - G16 0M (N3)	302.938471 Secs (302.938 Secs) [==>]	[3]
	13	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-15 in J2308-52 5(68) - 4 orbits - G16 0M (N3)	1002.935521 Secs (1002.936 Secs) [==>]	[3]
	14	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-15 in J2308-52 5(68) - 4 orbits - G16 0M (N3)	1002.935521 Secs (1002.936 Secs) [==>]	[3]

Proposal 15163 - J2308-525(68) - 4 orbits - G160M (N3) - COS Ultraviolet Baryon Survey (CUBS)

	15	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 11-15 in J2308-52 5(68) - 4 orbits - G16 0M (N3)	302.938471 Secs (302.938 Secs) [==>]	[3]
	16	C1623/FP4 (COS.sp.101 848.5 2135)	(14) J230837.73-525	COS/FUV, TIME-TAG, PSA	G160M 1623 A	FP-POS=4; BUFFER-TIME=25 00	Prime + Parallel Gro up 16-20 in J2308-52 5(68) - 4 orbits - G16 0M (N3)	2638 Secs (2638 Secs) [==>]	[4]
	17	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 16-20 in J2308-52 5(68) - 4 orbits - G16 0M (N3)	302.938471 Secs (302.938 Secs) [==>]	[4]
	18	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 16-20 in J2308-52 5(68) - 4 orbits - G16 0M (N3)	1002.935521 Secs (1002.936 Secs) [==>]	[4]
	19	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 16-20 in J2308-52 5(68) - 4 orbits - G16 0M (N3)	1002.935521 Secs (1002.936 Secs) [==>]	[4]
	20	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 16-20 in J2308-52 5(68) - 4 orbits - G16 0M (N3)	302.938471 Secs (302.938 Secs) [==>]	[4]

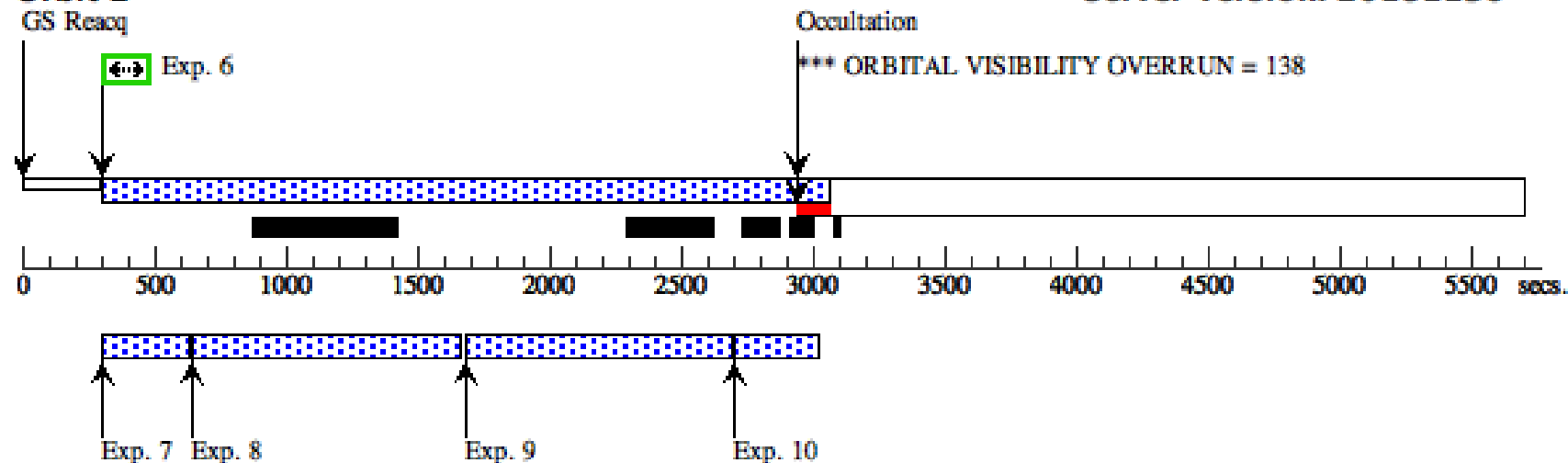
Orbit 1

Server Version: 20181130



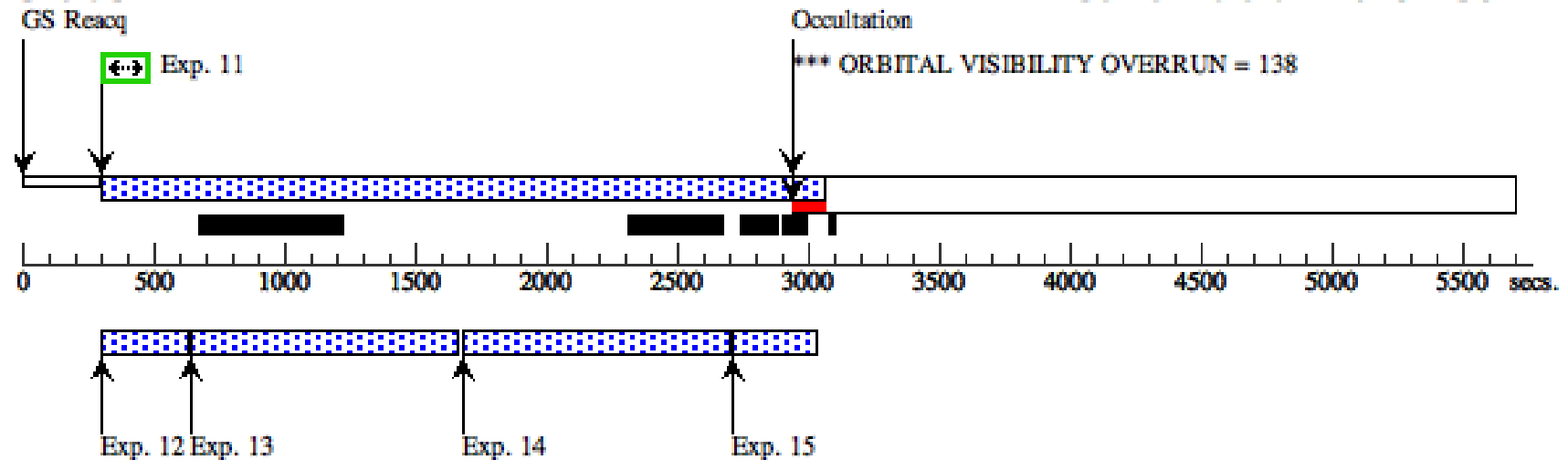
Orbit 2

Server Version: 20181130



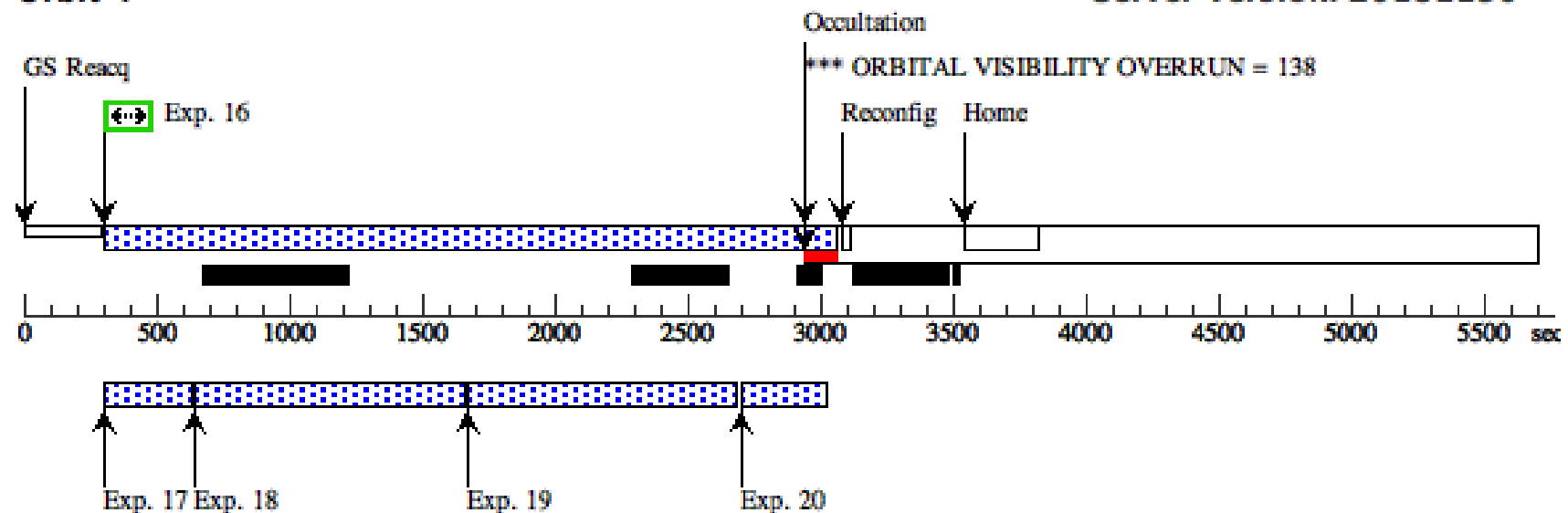
Orbit 3

Server Version: 20181130



Orbit 4

Server Version: 20181130



Proposal 15163 - J2308-525(68) - 4 orbits - G160M (N6) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J2308-525(68) - 4 orbits - G160M (N6), completed					Tue Feb 26 23:04:23 GMT 2019
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV Special Requirements: SCHED 100%; ORIENT 19D TO 350 D Comments: see comment in N1					
Diagnostics	(J2308-525(68) - 4 orbits - G160M (N6)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.					
	(J2308-525(68) - 4 orbits - G160M (N6)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(J2308-525(68) - 4 orbits - G160M (N6)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J2308-525(68) - 4 orbits - G160M (N6)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J2308-525(68) - 4 orbits - G160M (N6)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J2308-525(68) - 4 orbits - G160M (N6)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(14)	J230837.73-525848.5	RA: 23 08 37.7960 (347.1574833d) Dec: -52 58 48.94 (-52.98026d) Equinox: J2000	Redshift: 1.067	V=16.2 fuv=17.97 nuv=16.73	Reference Frame: ICRS
	Comments: Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO					

Proposal 15163 - J2308-525(68) - 4 orbits - G160M (N6) - COS Ultraviolet Baryon Survey (CUBS)

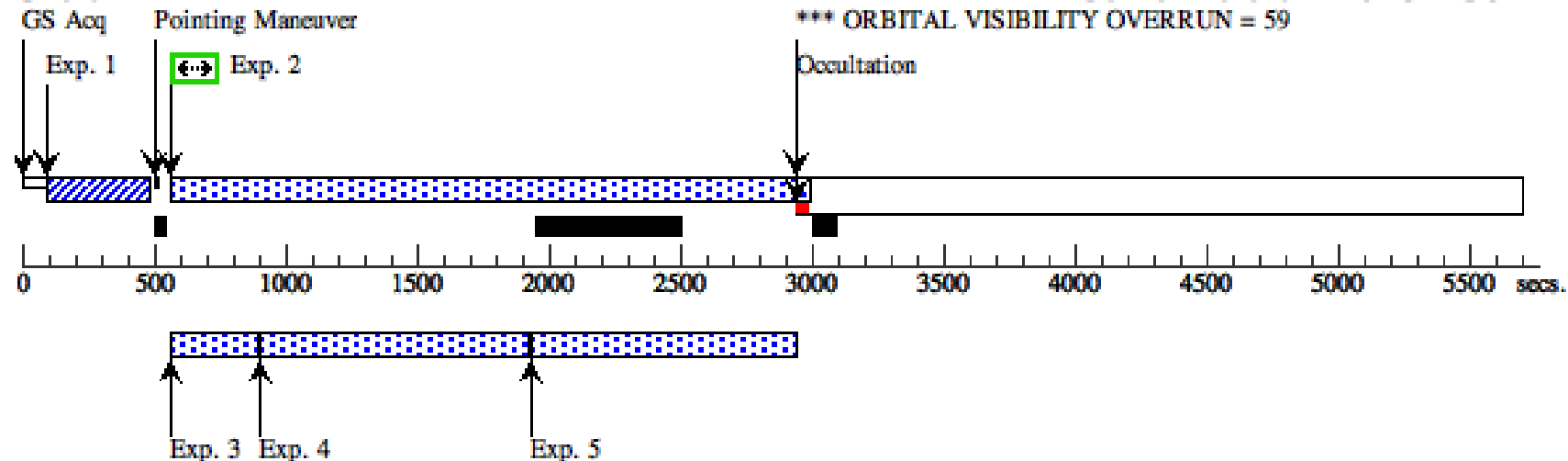
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9412)	(14) J230837.73-525 848.5	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				49 Secs (49 Secs) [==>]	[1]
	2	C1589/FP2 (COS.sp.101 2137)	(14) J230837.73-525 848.5	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=2; BUFFER-TIME=25 00		Prime + Parallel Gro up 2-5 in J2308-525(68) - 4 orbits - G160 M (N6)	2215 Secs (2215 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J2308-525(68) - 4 orbits - G160 M (N6)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J2308-525(68) - 4 orbits - G160 M (N6)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J2308-525(68) - 4 orbits - G160 M (N6)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1611/FP4 (COS.sp.101 2135)	(14) J230837.73-525 848.5	COS/FUV, TIME-TAG, PSA	G160M 1611 A	FP-POS=4; BUFFER-TIME=25 00		Prime + Parallel Gro up 6-10 in J2308-525 (68) - 4 orbits - G160 M (N6)	2635 Secs (2635 Secs) [==>]	[2]
	7	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J2308-525 (68) - 4 orbits - G160 M (N6)	302.938471 Secs (302.938 Secs) [==>]	[2]
	8	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J2308-525 (68) - 4 orbits - G160 M (N6)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	9	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J2308-525 (68) - 4 orbits - G160 M (N6)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	10	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J2308-525 (68) - 4 orbits - G160 M (N6)	302.938471 Secs (302.938 Secs) [==>]	[2]
	11	C1611/FP2 (COS.sp.101 2135)	(14) J230837.73-525 848.5	COS/FUV, TIME-TAG, PSA	G160M 1611 A	FP-POS=2; BUFFER-TIME=25 00		Prime + Parallel Gro up 11-15 in J2308-52 5(68) - 4 orbits - G16 0M (N6)	2644 Secs (2644 Secs) [==>]	[3]
	12	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 11-15 in J2308-52 5(68) - 4 orbits - G16 0M (N6)	302.938471 Secs (302.938 Secs) [==>]	[3]
	13	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-15 in J2308-52 5(68) - 4 orbits - G16 0M (N6)	1002.935521 Secs (1002.936 Secs) [==>]	[3]
	14	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-15 in J2308-52 5(68) - 4 orbits - G16 0M (N6)	1002.935521 Secs (1002.936 Secs) [==>]	[3]

Proposal 15163 - J2308-525(68) - 4 orbits - G160M (N6) - COS Ultraviolet Baryon Survey (CUBS)

	15	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 11-15 in J2308-52 5(68) - 4 orbits - G16 0M (N6)	302.938471 Secs (302.938 Secs) [==>]	[3]
	16	C1623/FP4 (COS.sp.101 848.5 2135)	(14) J230837.73-525	COS/FUV, TIME-TAG, PSA	G160M 1623 A	FP-POS=4; BUFFER-TIME=25 00	Prime + Parallel Gro up 16-20 in J2308-52 5(68) - 4 orbits - G16 0M (N6)	2638 Secs (2638 Secs) [==>]	[4]
	17	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 16-20 in J2308-52 5(68) - 4 orbits - G16 0M (N6)	302.938471 Secs (302.938 Secs) [==>]	[4]
	18	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 16-20 in J2308-52 5(68) - 4 orbits - G16 0M (N6)	1002.935521 Secs (1002.936 Secs) [==>]	[4]
	19	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 16-20 in J2308-52 5(68) - 4 orbits - G16 0M (N6)	1002.935521 Secs (1002.936 Secs) [==>]	[4]
	20	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 16-20 in J2308-52 5(68) - 4 orbits - G16 0M (N6)	302.938471 Secs (302.938 Secs) [==>]	[4]

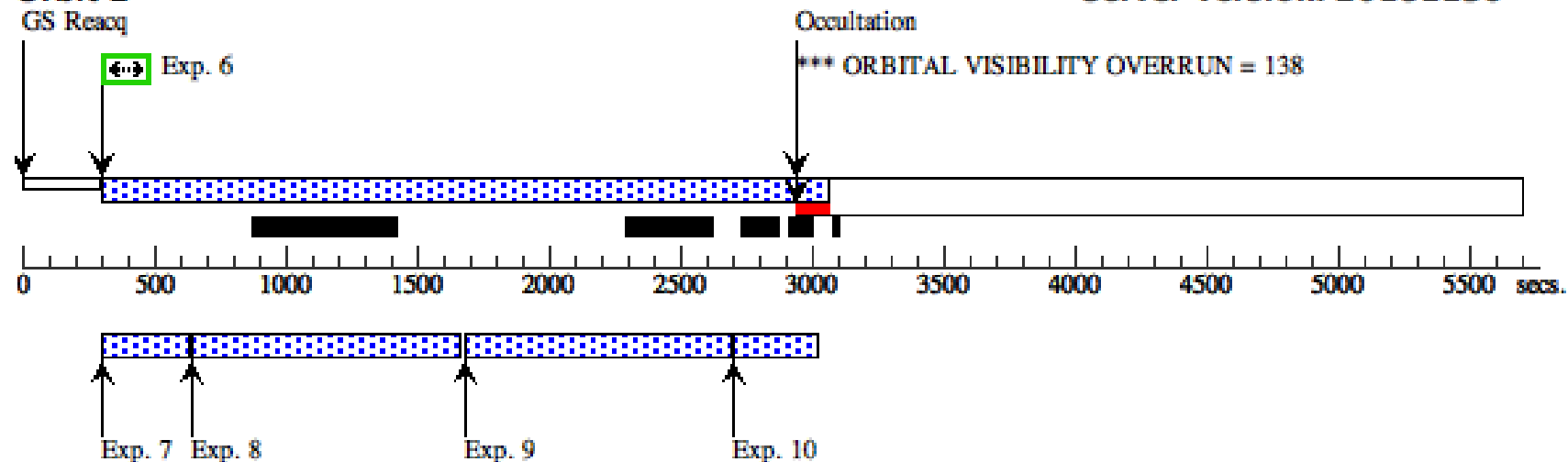
Orbit 1

Server Version: 20181130



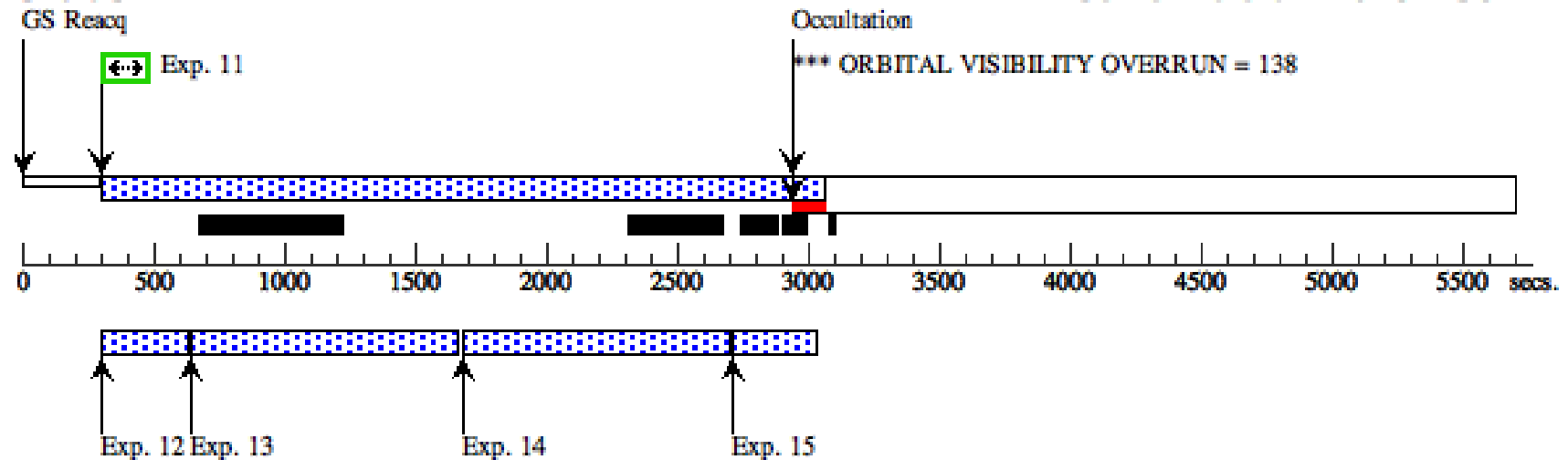
Orbit 2

Server Version: 20181130



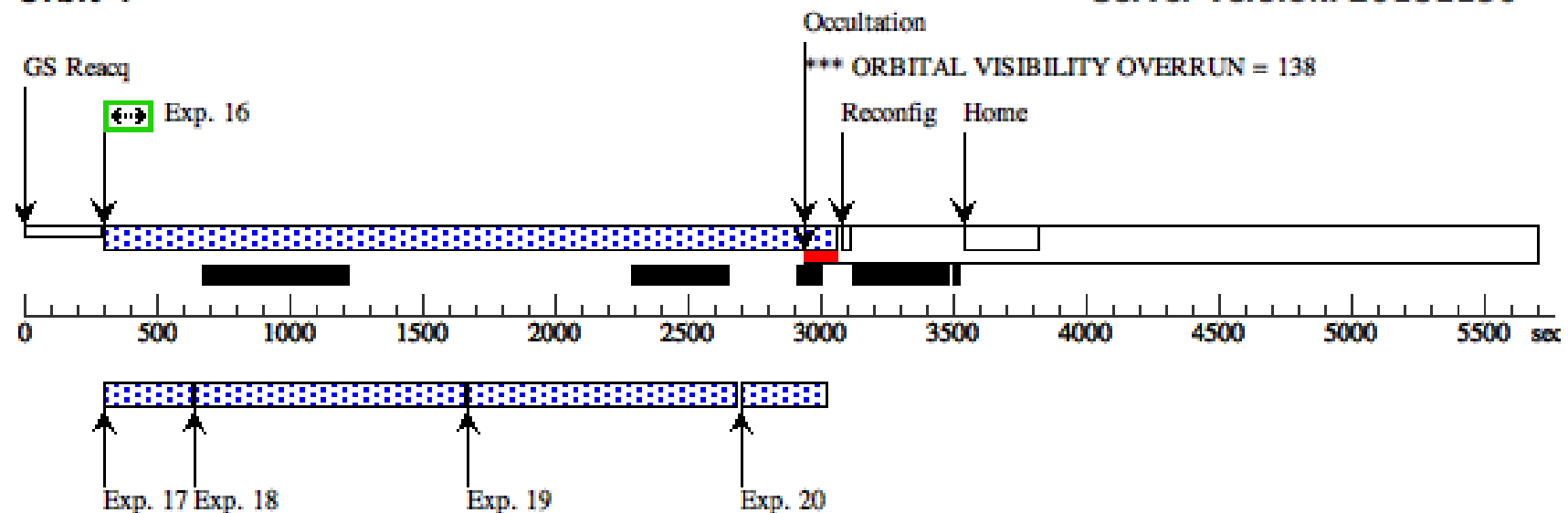
Orbit 3

Server Version: 20181130



Orbit 4

Server Version: 20181130



Proposal 15163 - J2308-525(68) - 3 orbits - G160M (N4) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J2308-525(68) - 3 orbits - G160M (N4), completed					Tue Feb 26 23:04:24 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%; ORIENT 19D TO 350 D					
Comments: See comment in N1						
Diagnostics	(J2308-525(68) - 3 orbits - G160M (N4)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.					
	(J2308-525(68) - 3 orbits - G160M (N4)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J2308-525(68) - 3 orbits - G160M (N4)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J2308-525(68) - 3 orbits - G160M (N4)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(14)	J230837.73-525848.5	RA: 23 08 37.7960 (347.1574833d) Dec: -52 58 48.94 (-52.98026d) Equinox: J2000	Redshift: 1.067	V=16.2 fuv=17.97 nuv=16.73	Reference Frame: ICRS
	Comments: Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO					

Proposal 15163 - J2308-525(68) - 3 orbits - G160M (N4) - COS Ultraviolet Baryon Survey (CUBS)

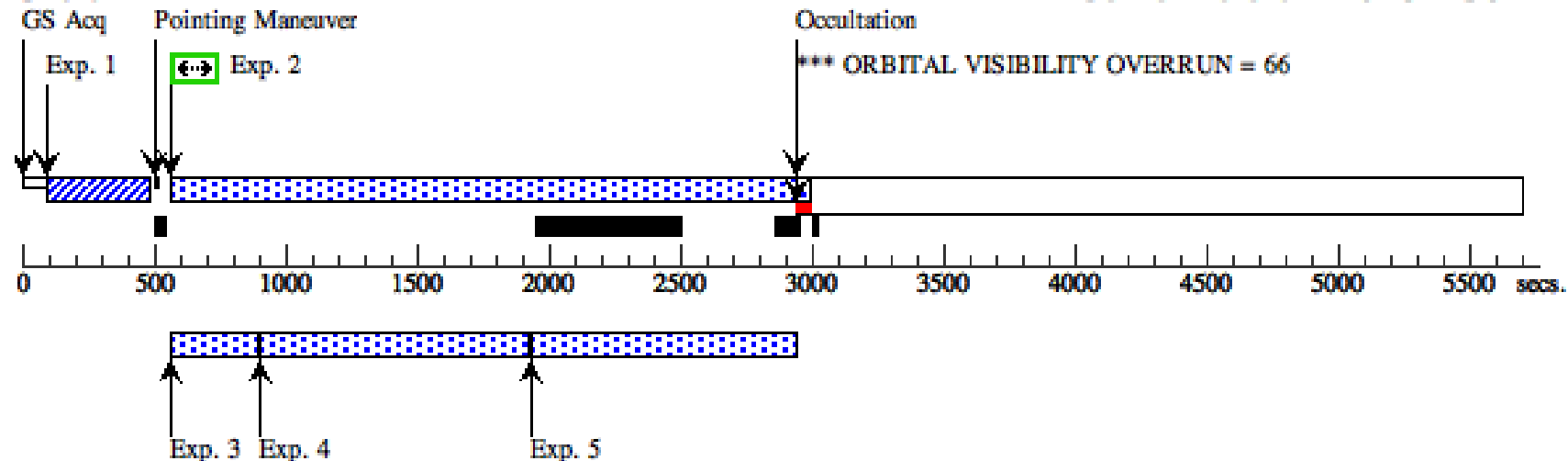
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9412)	(14) J230837.73-525 848.5	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				49 Secs (49 Secs) [==>]	[1]
	2	C1623/FP2 (COS.sp.101 2135)	(14) J230837.73-525 848.5	COS/FUV, TIME-TAG, PSA	G160M 1623 A	FP-POS=2; BUFFER-TIME=21 00		Prime + Parallel Gro up 2-5 in J2308-525(68) - 3 orbits - G160 M (N4)	2212 Secs (2212 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J2308-525(68) - 3 orbits - G160 M (N4)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J2308-525(68) - 3 orbits - G160 M (N4)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J2308-525(68) - 3 orbits - G160 M (N4)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1577/FP2 (COS.sp.101 2137)	(14) J230837.73-525 848.5	COS/FUV, TIME-TAG, PSA	G160M 1577 A	FP-POS=2; BUFFER-TIME=20 00		Prime + Parallel Gro up 6-10 in J2308-525 (68) - 3 orbits - G160 M (N4)	2630 Secs (2630 Secs) [==>]	[2]
	7	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J2308-525 (68) - 3 orbits - G160 M (N4)	302.938471 Secs (302.938 Secs) [==>]	[2]
	8	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J2308-525 (68) - 3 orbits - G160 M (N4)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	9	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-10 in J2308-525 (68) - 3 orbits - G160 M (N4)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	10	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-10 in J2308-525 (68) - 3 orbits - G160 M (N4)	302.938471 Secs (302.938 Secs) [==>]	[2]
	11	C1577/FP4 (COS.sp.101 2137)	(14) J230837.73-525 848.5	COS/FUV, TIME-TAG, PSA	G160M 1577 A	FP-POS=4; BUFFER-TIME=25 00		Prime + Parallel Gro up 11-15 in J2308-52 5(68) - 3 orbits - G16 0M (N4)	2711 Secs (2711 Secs) [==>]	[3]
	12	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 11-15 in J2308-52 5(68) - 3 orbits - G16 0M (N4)	302.938471 Secs (302.938 Secs) [==>]	[3]
	13	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-15 in J2308-52 5(68) - 3 orbits - G16 0M (N4)	1002.935521 Secs (1002.936 Secs) [==>]	[3]
	14	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 11-15 in J2308-52 5(68) - 3 orbits - G16 0M (N4)	1002.935521 Secs (1002.936 Secs) [==>]	[3]

Proposal 15163 - J2308-525(68) - 3 orbits - G160M (N4) - COS Ultraviolet Baryon Survey (CUBS)

	15	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=11; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 11-15 in J2308-52 5(68) - 3 orbits - G16 0M (N4)	252.937441 Secs (252.937 Secs)	
								[==>]	[3]

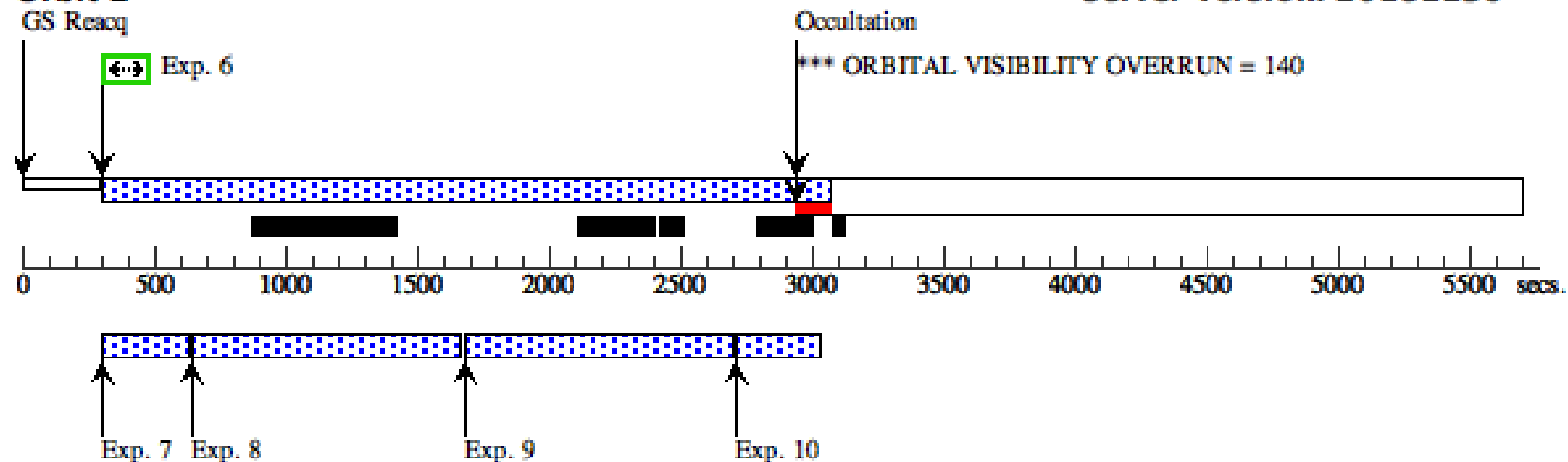
Orbit 1

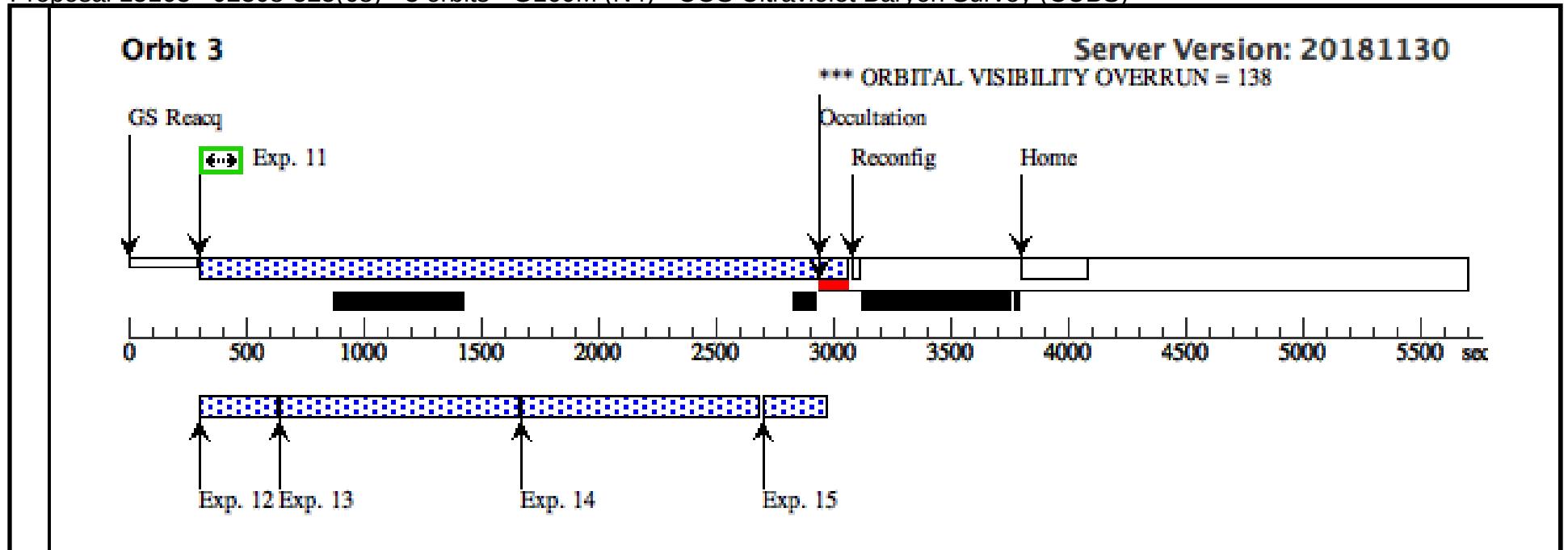
Server Version: 20181130



Orbit 2

Server Version: 20181130





Proposal 15163 - J2339-553(36) - 4 orbits - G130M - BaseOrient (O1) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J2339-553(36) - 4 orbits - G130M - BaseOrient (O1), failed					Tue Feb 26 23:04:24 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%; ORIENT 217D TO 196 D					
	Comments: This target has 10 orbits. This visit contains 4 G130M orbits+ 6 G160M 1.5 orbits C1223 + 2.5 orbits C1291 2 orbits C1577 + 1 orbits C1589 + 1 orbits C1611 + 2 orbits C1623 O1 : 4G130M TAC1291F3 + C1291F4 + C1223F1234 + C1291F34 O2 : 3G160M TAC1611F2 + C1611F4/C1623F2+ C1623F4 O3 : 3G160M TAC1589F2 + C1589F4/C1577F2 + C1577F4					
Diagnostics	(J2339-553(36) - 4 orbits - G130M - BaseOrient (O1)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.					
	(J2339-553(36) - 4 orbits - G130M - BaseOrient (O1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J2339-553(36) - 4 orbits - G130M - BaseOrient (O1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J2339-553(36) - 4 orbits - G130M - BaseOrient (O1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J2339-553(36) - 4 orbits - G130M - BaseOrient (O1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(15)	J233913.20-552350.1	RA: 23 39 13.2180 (354.8050750d)	Redshift: 1.354	V=15.5	Reference Frame: ICRS
			Dec: -55 23 50.84 (-55.39746d)		fuv=17.91 nuv=16.37	
			Equinox: J2000			
		Comments: Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO				

Proposal 15163 - J2339-553(36) - 4 orbits - G130M - BaseOrient (O1) - COS Ultraviolet Baryon Survey (CUBS)

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9413)	(15) J233913.20-552 350.1	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				34 Secs (34 Secs) [==>]	[1]
	2	C1291/FP3 (COS.sp.101 2122)	(15) J233913.20-552 350.1	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=25 00		Prime + Parallel Gro up 2-5 in J2339-553(36) - 4 orbits - G130 M - BaseOrient (O1)	2299 Secs (2299 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J2339-553(36) - 4 orbits - G130 M - BaseOrient (O1)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J2339-553(36) - 4 orbits - G130 M - BaseOrient (O1)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J2339-553(36) - 4 orbits - G130 M - BaseOrient (O1)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1291/FP4 (COS.sp.101 2122)	(15) J233913.20-552 350.1	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=13 30		Prime + Parallel Gro up 6-8 in J2339-553(36) - 4 orbits - G130 M - BaseOrient (O1)	1440 Secs (1440 Secs) [==>]	[2]
	7	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-8 in J2339-553(36) - 4 orbits - G130 M - BaseOrient (O1)	302.938471 Secs (302.938 Secs) [==>]	[2]
	8	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-8 in J2339-553(36) - 4 orbits - G130 M - BaseOrient (O1)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	9	C1222/FP1 (COS.sp.101 3000)	(15) J233913.20-552 350.1	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=1; BUFFER-TIME=70 0		Prime + Parallel Gro up 9-11 in J2339-553 (36) - 4 orbits - G130 M - BaseOrient (O1)	1079 Secs (1079 Secs) [==>]	[2]
	10	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 9-11 in J2339-553 (36) - 4 orbits - G130 M - BaseOrient (O1)	252.937441 Secs (252.937 Secs) [==>]	[2]
	11	G102-9-S10 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=9; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 9-11 in J2339-553 (36) - 4 orbits - G130 M - BaseOrient (O1)	802.934875 Secs (802.935 Secs) [==>]	[2]
	12	C1222/FP2 (COS.sp.101 3000)	(15) J233913.20-552 350.1	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=2; BUFFER-TIME=72 3		Prime + Parallel Gro up 12-14 in J2339-55 3(36) - 4 orbits - G13 0M - BaseOrient (O1)	831 Secs (831 Secs) [==>]	[3]
	13	F160-9-S25	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=9; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 12-14 in J2339-55 3(36) - 4 orbits - G13 0M - BaseOrient (O1)	202.936411 Secs (202.936 Secs) [==>]	[3]

Proposal 15163 - J2339-553(36) - 4 orbits - G130M - BaseOrient (O1) - COS Ultraviolet Baryon Survey (CUBS)

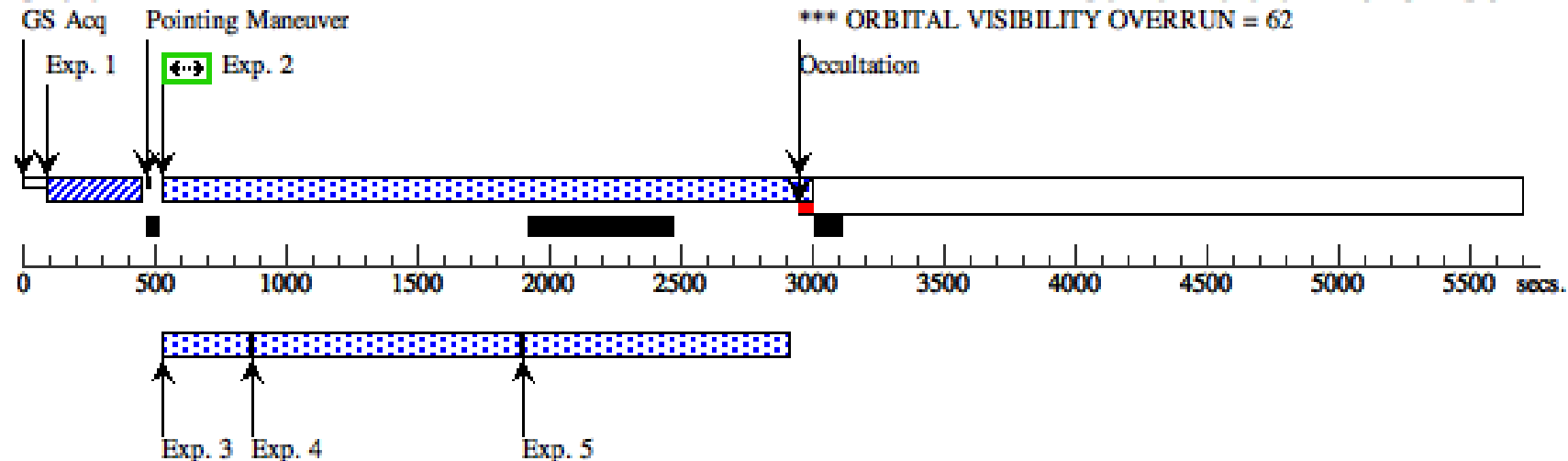
14	G141-13-S5 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S50	Prime + Parallel Gro up 12-14 in J2339-55 3(36) - 4 orbits - G13 0M - BaseOrient (O1)	602.937703 Secs (602.938 Secs) [==>]	[3]
15	C1222/FP3 (COS.sp.101 3000)	(15) J233913.20-552 350.1	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=3; BUFFER-TIME=72 3	Prime + Parallel Gro up 15-17 in J2339-55 3(36) - 4 orbits - G13 0M - BaseOrient (O1)	830 Secs (830 Secs) [==>]	[3]
16	F160-9-S25	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=9; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 15-17 in J2339-55 3(36) - 4 orbits - G13 0M - BaseOrient (O1)	202.936411 Secs (202.936 Secs) [==>]	[3]
17	G141-13-S5 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S50	Prime + Parallel Gro up 15-17 in J2339-55 3(36) - 4 orbits - G13 0M - BaseOrient (O1)	602.937703 Secs (602.938 Secs) [==>]	[3]
18	C1222/FP4 (COS.sp.101 3000)	(15) J233913.20-552 350.1	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=4; BUFFER-TIME=20 00	Prime + Parallel Gro up 18-20 in J2339-55 3(36) - 4 orbits - G13 0M - BaseOrient (O1)	830 Secs (830 Secs) [==>]	[3]
19	F160-9-S25	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=9; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 18-20 in J2339-55 3(36) - 4 orbits - G13 0M - BaseOrient (O1)	202.936411 Secs (202.936 Secs) [==>]	[3]
20	G141-13-S5 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S50	Prime + Parallel Gro up 18-20 in J2339-55 3(36) - 4 orbits - G13 0M - BaseOrient (O1)	602.937703 Secs (602.938 Secs) [==>]	[3]
21	C1291/FP3 (COS.sp.101 2122)	(15) J233913.20-552 350.1	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=11 10	Prime + Parallel Gro up 21-23 in J2339-55 3(36) - 4 orbits - G13 0M - BaseOrient (O1)	1222 Secs (1222 Secs) [==>]	[4]
<i>Comments: Repeat of C1291 FP3 & FP4 in the hopes of better FP noise suppression (slightly different OSM positioning)</i>								
22	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 21-23 in J2339-55 3(36) - 4 orbits - G13 0M - BaseOrient (O1)	252.937441 Secs (252.937 Secs) [==>]	[4]
23	G102-12-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 21-23 in J2339-55 3(36) - 4 orbits - G13 0M - BaseOrient (O1)	1002.935521 Secs (1002.936 Secs) [==>]	[4]
24	C1291/FP4 (COS.sp.101 2122)	(15) J233913.20-552 350.1	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=20 00	Prime + Parallel Gro up 24-26 in J2339-55 3(36) - 4 orbits - G13 0M - BaseOrient (O1)	1295 Secs (1295 Secs) [==>]	[4]
25	F160-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=11; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 24-26 in J2339-55 3(36) - 4 orbits - G13 0M - BaseOrient (O1)	252.937441 Secs (252.937 Secs) [==>]	[4]

Proposal 15163 - J2339-553(36) - 4 orbits - G130M - BaseOrient (O1) - COS Ultraviolet Baryon Survey (CUBS)

	26	G141-11-S1 ANY 00	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Group up 24-26 in J2339-553(36) - 4 orbits - G130M - BaseOrient (O1)	1002.935521 Secs (1002.936 Secs)	
							[==>]	[4]

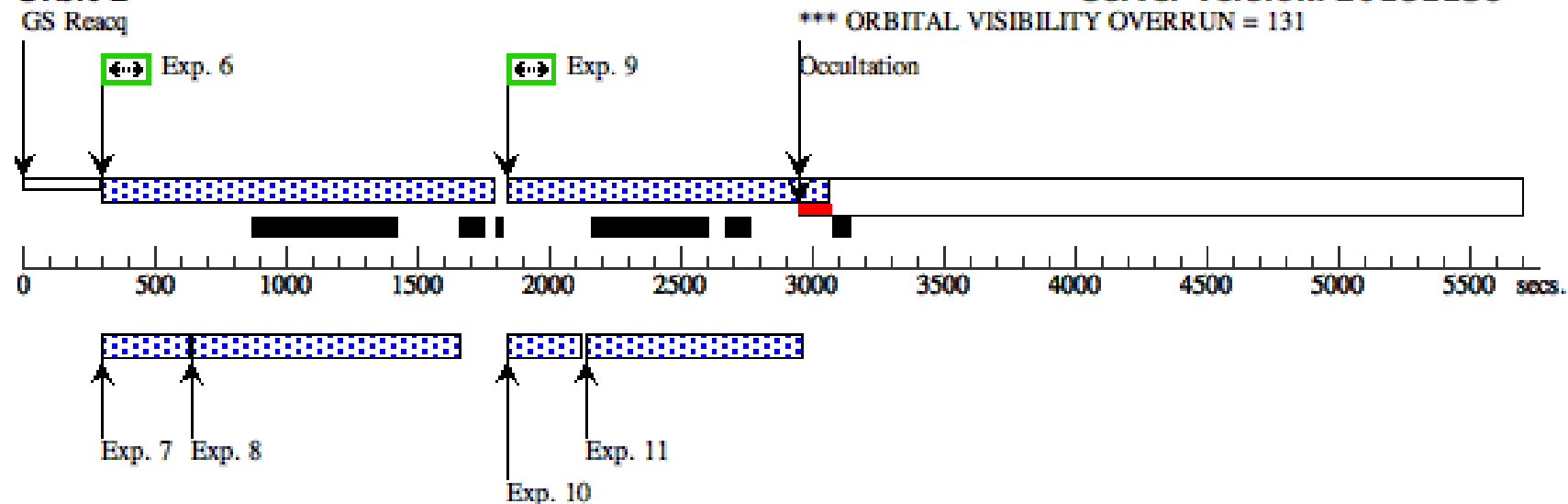
Orbit 1

Server Version: 20181130



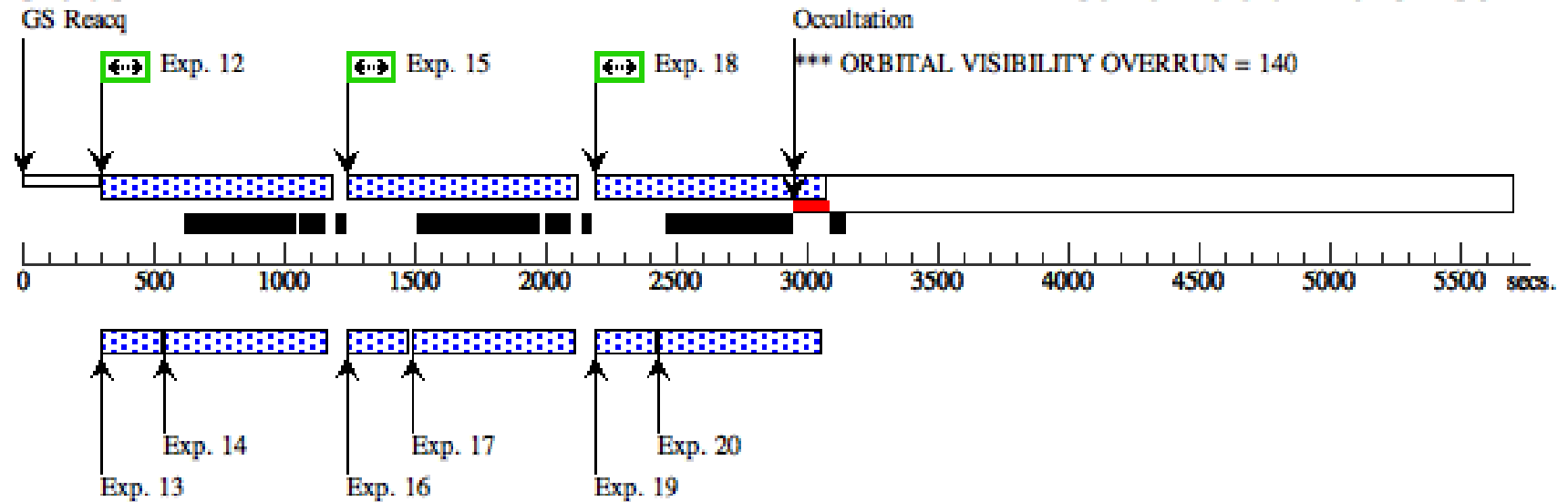
Orbit 2

Server Version: 20181130



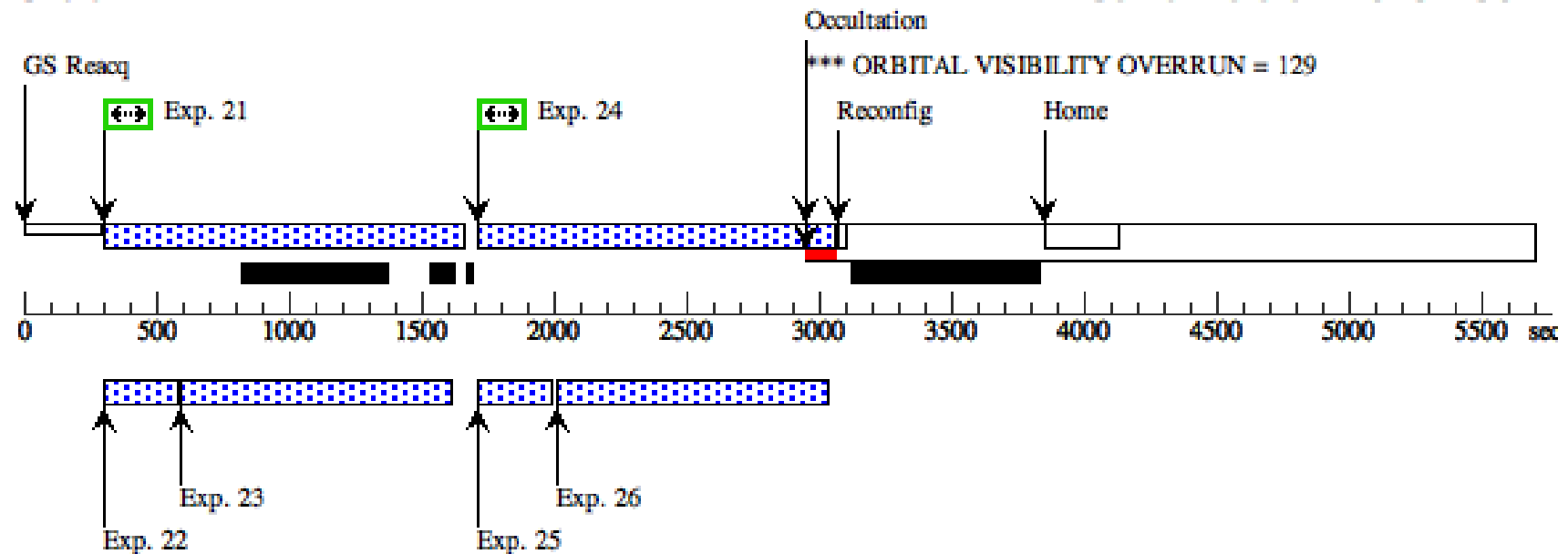
Orbit 3

Server Version: 20181130



Orbit 4

Server Version: 20181130



Proposal 15163 - J2339-553(36) - 3 orbits - G130M - BaseOrient (O5) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J2339-553(36) - 3 orbits - G130M - BaseOrient (O5), completed					Tue Feb 26 23:04:24 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%; ORIENT 217D TO 196 D					
	Comments: Repeat of O1 - 1 orbit 1.5 orbits C1223 + 1.5 orbits C1291 2 orbits C1577 + 1 orbits C1589 + 1 orbits C1611 + 2 orbits C1623					
Diagnostics	(J2339-553(36) - 3 orbits - G130M - BaseOrient (O5)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.					
	(J2339-553(36) - 3 orbits - G130M - BaseOrient (O5)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J2339-553(36) - 3 orbits - G130M - BaseOrient (O5)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J2339-553(36) - 3 orbits - G130M - BaseOrient (O5)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J2339-553(36) - 3 orbits - G130M - BaseOrient (O5)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(15)	J233913.20-552350.1	RA: 23 39 13.2180 (354.8050750d) Dec: -55 23 50.84 (-55.39746d) Equinox: J2000	Redshift: 1.354	V=15.5 fuv=17.91 nuv=16.37	Reference Frame: ICRS
	Comments:					
	Category=EXT-MEDIUM					
	Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO					

Proposal 15163 - J2339-553(36) - 3 orbits - G130M - BaseOrient (O5) - COS Ultraviolet Baryon Survey (CUBS)

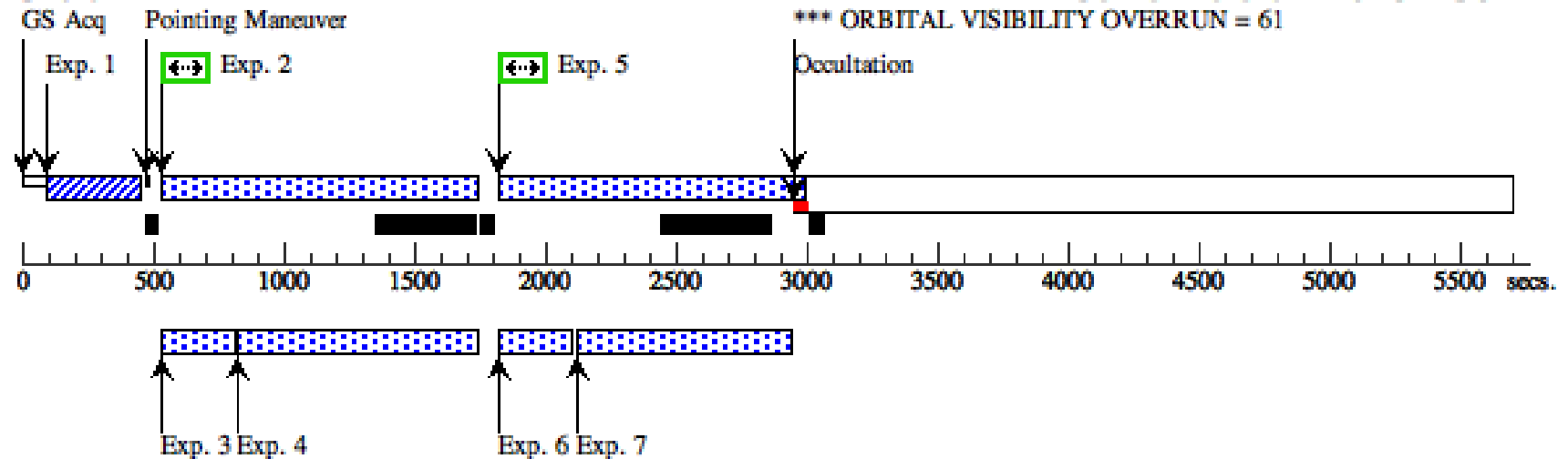
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9413)	(15) J233913.20-552 350.1	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				34 Secs (34 Secs) [==>]	[1]
	2	C1291/FP4 (COS.sp.101 2122)	(15) J233913.20-552 350.1	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=24 00		Prime + Parallel Gro up 2-4 in J2339-553(36) - 3 orbits - G130 M - BaseOrient (O5)	1040 Secs (1040 Secs) [==>]	[1]
	3	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-4 in J2339-553(36) - 3 orbits - G130 M - BaseOrient (O5)	252.937441 Secs (252.937 Secs) [==>]	[1]
	4	G102-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=10; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-4 in J2339-553(36) - 3 orbits - G130 M - BaseOrient (O5)	902.935198 Secs (902.935 Secs) [==>]	[1]
	5	C1222/FP1 (COS.sp.101 3000)	(15) J233913.20-552 350.1	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=1; BUFFER-TIME=24 00		Prime + Parallel Gro up 5-7 in J2339-553(36) - 3 orbits - G130 M - BaseOrient (O5)	1030 Secs (1030 Secs) [==>]	[1]
	6	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 5-7 in J2339-553(36) - 3 orbits - G130 M - BaseOrient (O5)	252.937441 Secs (252.937 Secs) [==>]	[1]
	7	G102-9-S10 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=9; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 5-7 in J2339-553(36) - 3 orbits - G130 M - BaseOrient (O5)	802.934875 Secs (802.935 Secs) [==>]	[1]
	8	C1222/FP2 (COS.sp.101 3000)	(15) J233913.20-552 350.1	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=2; BUFFER-TIME=72 3		Prime + Parallel Gro up 8-10 in J2339-553(36) - 3 orbits - G130 M - BaseOrient (O5)	831 Secs (831 Secs) [==>]	[2]
	9	F160-9-S25	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=9; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 8-10 in J2339-553(36) - 3 orbits - G130 M - BaseOrient (O5)	202.936411 Secs (202.936 Secs) [==>]	[2]
	10	G141-13-S5 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S50		Prime + Parallel Gro up 8-10 in J2339-553(36) - 3 orbits - G130 M - BaseOrient (O5)	602.937703 Secs (602.938 Secs) [==>]	[2]
	11	C1222/FP3 (COS.sp.101 3000)	(15) J233913.20-552 350.1	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=3; BUFFER-TIME=72 3		Prime + Parallel Gro up 11-13 in J2339-55 3(36) - 3 orbits - G13 0M - BaseOrient (O5)	830 Secs (830 Secs) [==>]	[2]
	12	F160-9-S25	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=9; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 11-13 in J2339-55 3(36) - 3 orbits - G13 0M - BaseOrient (O5)	202.936411 Secs (202.936 Secs) [==>]	[2]
	13	G141-13-S5 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S50		Prime + Parallel Gro up 11-13 in J2339-55 3(36) - 3 orbits - G13 0M - BaseOrient (O5)	602.937703 Secs (602.938 Secs) [==>]	[2]

Proposal 15163 - J2339-553(36) - 3 orbits - G130M - BaseOrient (O5) - COS Ultraviolet Baryon Survey (CUBS)

14	C1222/FP4 (COS.sp.101 350.1 3000)	(15) J233913.20-552	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=4; BUFFER-TIME=20 00	Prime + Parallel Gro up 14-16 in J2339-55 3(36) - 3 orbits - G13 0M - BaseOrient (O5)	830 Secs (830 Secs) [==>]	[2]
15	F160-9-S25	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=9; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 14-16 in J2339-55 3(36) - 3 orbits - G13 0M - BaseOrient (O5)	202.936411 Secs (202.936 Secs) [==>]	[2]
16	G141-13-S5 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S50	Prime + Parallel Gro up 14-16 in J2339-55 3(36) - 3 orbits - G13 0M - BaseOrient (O5)	602.937703 Secs (602.938 Secs) [==>]	[2]
17	C1291/FP3 (COS.sp.101 350.1 2122)	(15) J233913.20-552	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=11 10	Prime + Parallel Gro up 17-19 in J2339-55 3(36) - 3 orbits - G13 0M - BaseOrient (O5)	1222 Secs (1222 Secs) [==>]	[3]
<i>Comments: Repeat of C1291 FP3 & FP4 in the hopes of better FP noise suppression (slightly different OSM positioning)</i>								
18	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 17-19 in J2339-55 3(36) - 3 orbits - G13 0M - BaseOrient (O5)	252.937441 Secs (252.937 Secs) [==>]	[3]
19	G102-12-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 17-19 in J2339-55 3(36) - 3 orbits - G13 0M - BaseOrient (O5)	1002.935521 Secs (1002.936 Secs) [==>]	[3]
20	C1291/FP4 (COS.sp.101 350.1 2122)	(15) J233913.20-552	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=20 00	Prime + Parallel Gro up 20-22 in J2339-55 3(36) - 3 orbits - G13 0M - BaseOrient (O5)	1305 Secs (1305 Secs) [==>]	[3]
21	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 20-22 in J2339-55 3(36) - 3 orbits - G13 0M - BaseOrient (O5)	252.937441 Secs (252.937 Secs) [==>]	[3]
22	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 20-22 in J2339-55 3(36) - 3 orbits - G13 0M - BaseOrient (O5)	1002.935521 Secs (1002.936 Secs) [==>]	[3]

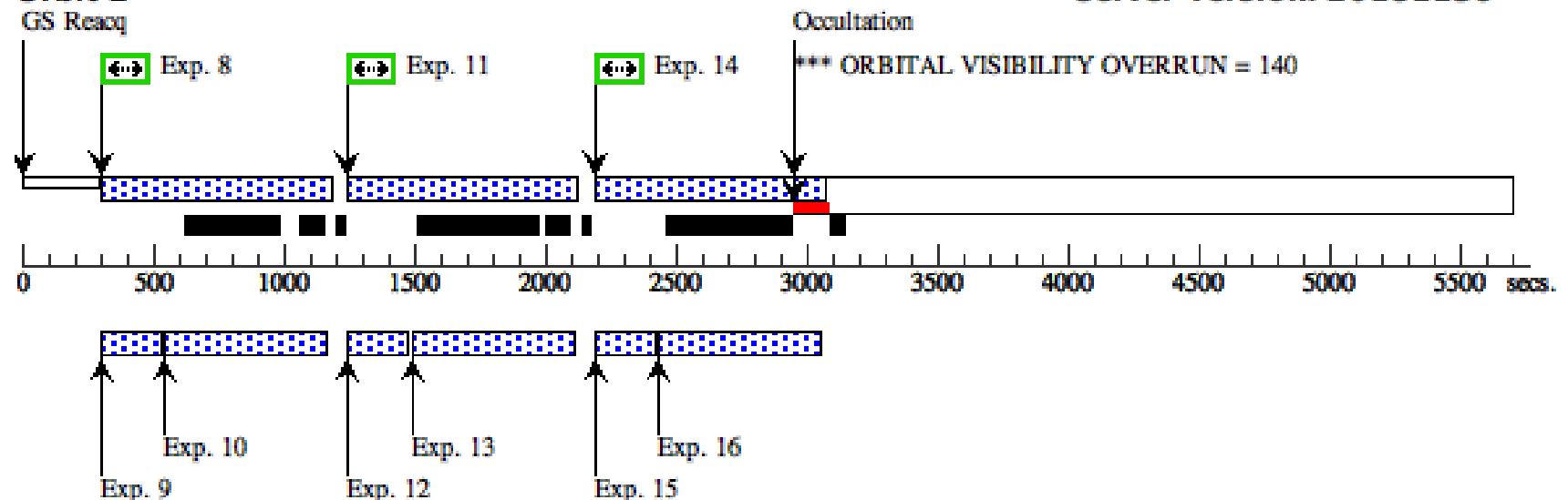
Orbit 1

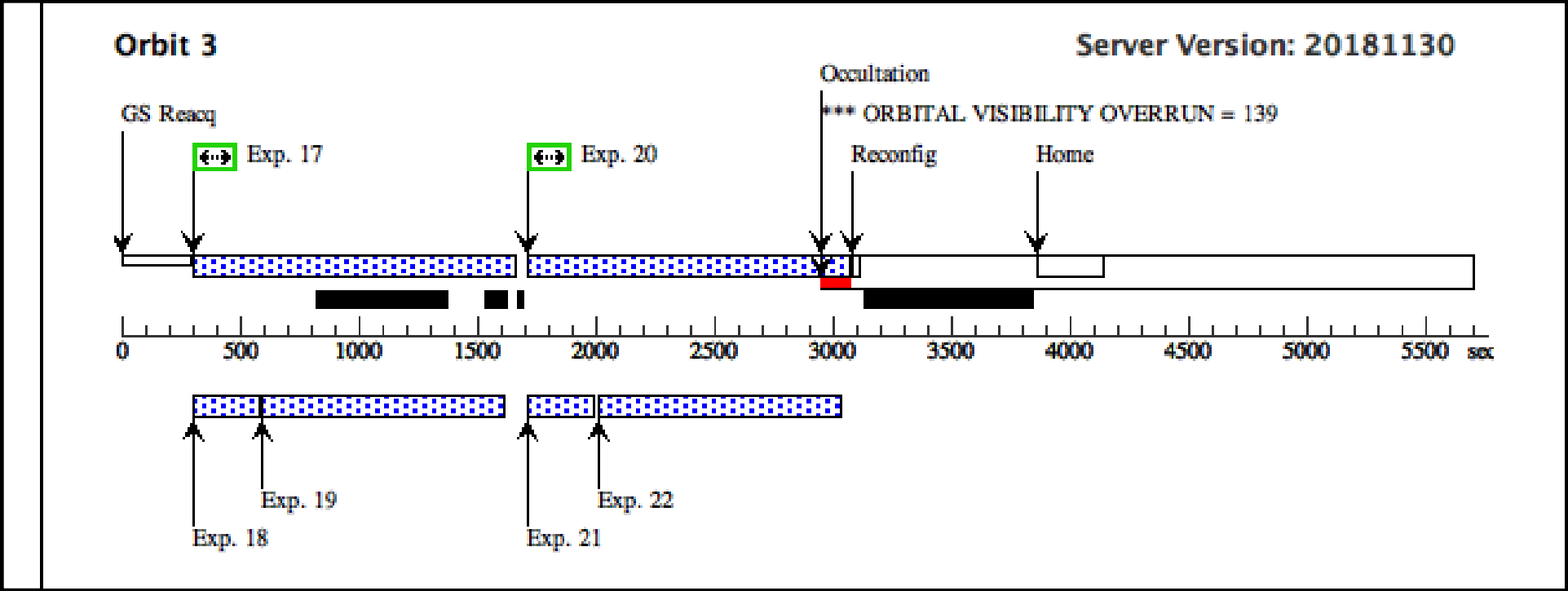
Server Version: 20181130



Orbit 2

Server Version: 20181130





Proposal 15163 - J2339-553(36) - 3 orbits - G160M (O2) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J2339-553(36) - 3 orbits - G160M (O2), failed Tue Feb 26 23:04:24 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV Special Requirements: SCHED 100%; ORIENT 217D TO 196 D <i>Comments: See comment in O1</i>				
Diagnostics	(J2339-553(36) - 3 orbits - G160M (O2)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (J2339-553(36) - 3 orbits - G160M (O2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J2339-553(36) - 3 orbits - G160M (O2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J2339-553(36) - 3 orbits - G160M (O2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(15)	J233913.20-552350.1	RA: 23 39 13.2180 (354.8050750d) Dec: -55 23 50.84 (-55.39746d) Equinox: J2000	Redshift: 1.354	V=15.5 fuv=17.91 nuv=16.37
Fixed Targets	<i>Comments:</i> Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO				

Proposal 15163 - J2339-553(36) - 3 orbits - G160M (O2) - COS Ultraviolet Baryon Survey (CUBS)

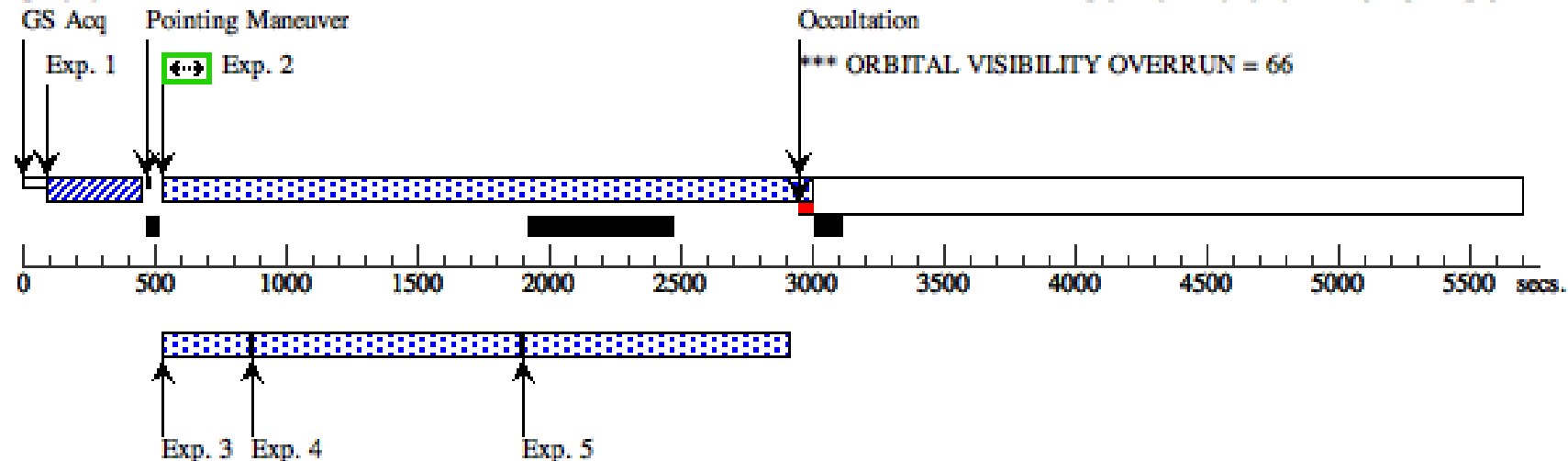
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9413)	(15) J233913.20-552 350.1	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				34 Secs (34 Secs) [==>]	[1]
	2	C1623/FP2 (COS.sp.101 2135)	(15) J233913.20-552 350.1	COS/FUV, TIME-TAG, PSA	G160M 1623 A	FP-POS=2; BUFFER-TIME=25 00		Prime + Parallel Gro up 2-5 in J2339-553(36) - 3 orbits - G160 M (O2)	2250 Secs (2250 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J2339-553(36) - 3 orbits - G160 M (O2)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J2339-553(36) - 3 orbits - G160 M (O2)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J2339-553(36) - 3 orbits - G160 M (O2)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1623/FP4 (COS.sp.101 2135)	(15) J233913.20-552 350.1	COS/FUV, TIME-TAG, PSA	G160M 1623 A	FP-POS=4; BUFFER-TIME=11 65		Prime + Parallel Gro up 6-8 in J2339-553(36) - 3 orbits - G160 M (O2)	1260 Secs (1260 Secs) [==>]	[2]
	7	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-8 in J2339-553(36) - 3 orbits - G160 M (O2)	252.937441 Secs (252.937 Secs) [==>]	[2]
	8	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-8 in J2339-553(36) - 3 orbits - G160 M (O2)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	9	C1577/FP2 (COS.sp.101 2137)	(15) J233913.20-552 350.1	COS/FUV, TIME-TAG, PSA	G160M 1577 A	FP-POS=2; BUFFER-TIME=20 00		Prime + Parallel Gro up 9-11 in J2339-553 (36) - 3 orbits - G160 M (O2)	1271 Secs (1271 Secs) [==>]	[2]
	10	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 9-11 in J2339-553 (36) - 3 orbits - G160 M (O2)	252.937441 Secs (252.937 Secs) [==>]	[2]
	11	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 9-11 in J2339-553 (36) - 3 orbits - G160 M (O2)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	12	C1577/FP4 (COS.sp.101 2137)	(15) J233913.20-552 350.1	COS/FUV, TIME-TAG, PSA	G160M 1577 A	FP-POS=4; BUFFER-TIME=25 00		Prime + Parallel Gro up 12-18 in J2339-55 3(36) - 3 orbits - G16 0M (O2)	2719 Secs (2719 Secs) [==>]	[3]
	13	F160-9-S25 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=9; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 12-18 in J2339-55 3(36) - 3 orbits - G16 0M (O2)	202.936411 Secs (202.936 Secs) [==>]	[3]
	14	G141-14-S5 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=SPAR S50		Prime + Parallel Gro up 12-18 in J2339-55 3(36) - 3 orbits - G16 0M (O2)	652.938154 Secs (652.938 Secs) [==>]	[3]

Proposal 15163 - J2339-553(36) - 3 orbits - G160M (O2) - COS Ultraviolet Baryon Survey (CUBS)

	15	F160-9-S25 ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=9; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 12-18 in J2339-55 3(36) - 3 orbits - G16 0M (O2)	202.936411 Secs (202.936 Secs)	[==>]	[3]
	16	G141-14-S5 ANY 0	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=SPAR S50	Prime + Parallel Gro up 12-18 in J2339-55 3(36) - 3 orbits - G16 0M (O2)	652.938154 Secs (652.938 Secs)	[==>]	[3]
	17	F160-9-S25 ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=9; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 12-18 in J2339-55 3(36) - 3 orbits - G16 0M (O2)	202.936411 Secs (202.936 Secs)	[==>]	[3]
	18	G141-14-S5 ANY 0	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=SPAR S50	Prime + Parallel Gro up 12-18 in J2339-55 3(36) - 3 orbits - G16 0M (O2)	652.938154 Secs (652.938 Secs)	[==>]	[3]

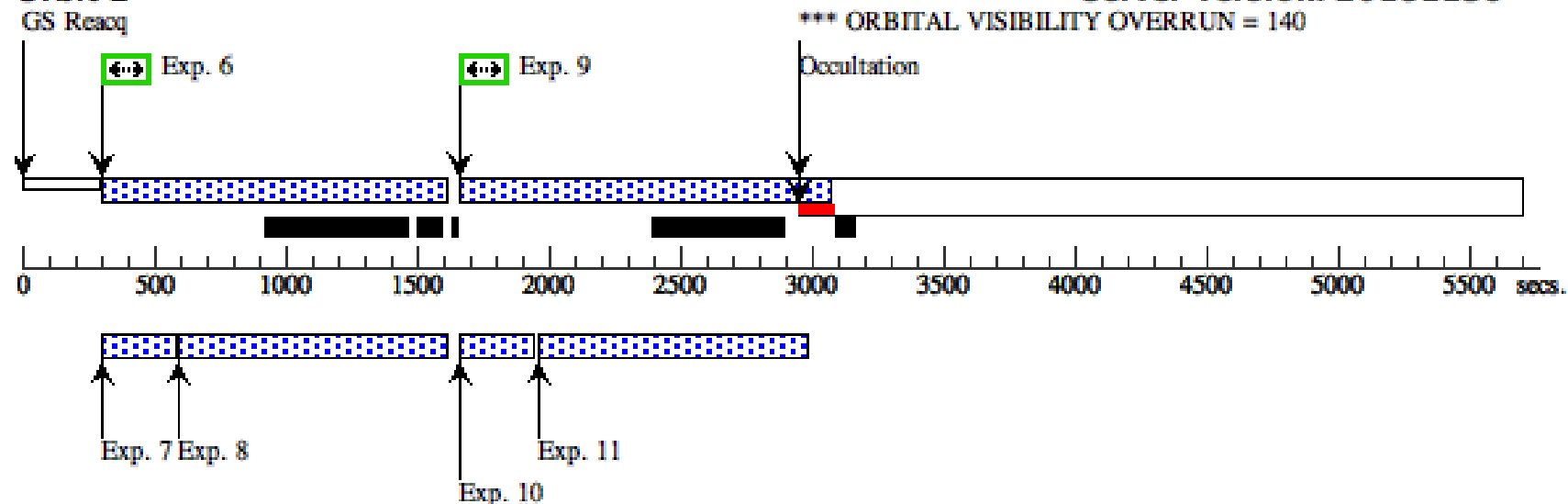
Orbit 1

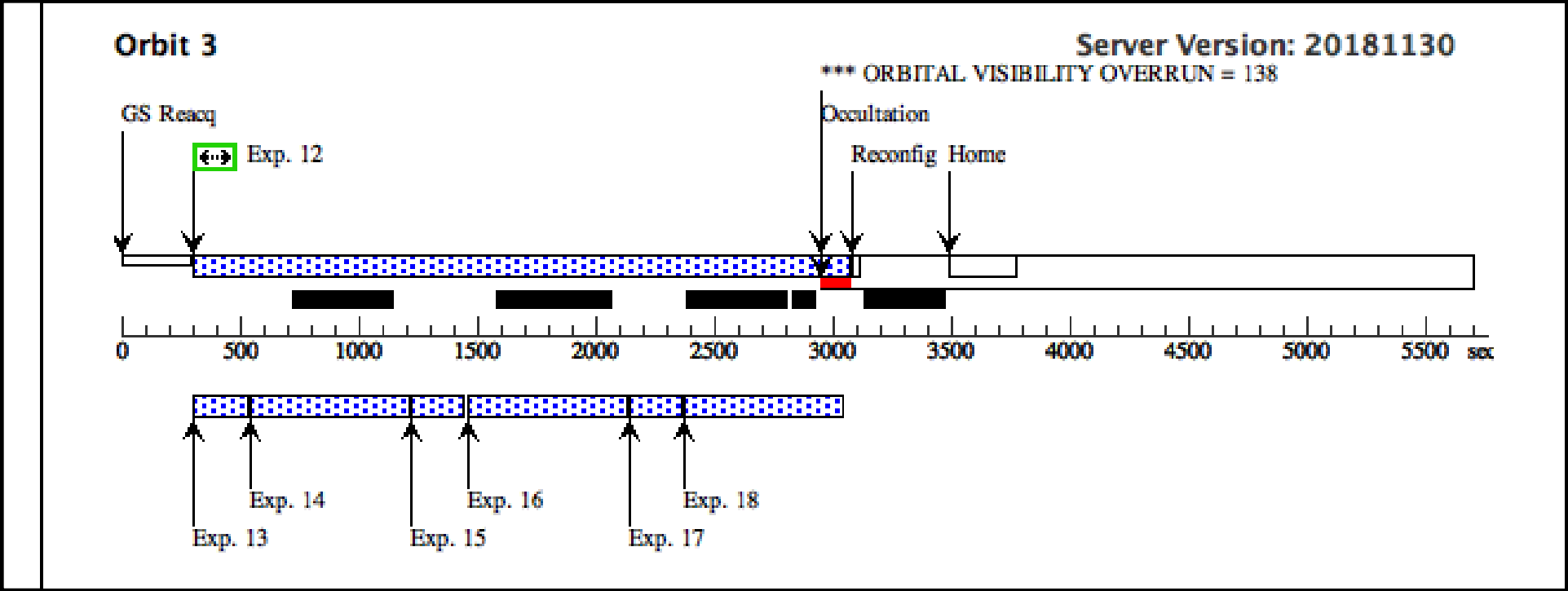
Server Version: 20181130



Orbit 2

Server Version: 20181130





Proposal 15163 - J2339-553(36) - 3 orbits - G160M (O4) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J2339-553(36) - 3 orbits - G160M (O4), failed Tue Feb 26 23:04:24 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV Special Requirements: SCHED 100%; ORIENT 217D TO 196 D <i>Comments: Repeat of Visit O2</i>				
Diagnostics	(J2339-553(36) - 3 orbits - G160M (O4)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (J2339-553(36) - 3 orbits - G160M (O4)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J2339-553(36) - 3 orbits - G160M (O4)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J2339-553(36) - 3 orbits - G160M (O4)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(15)	J233913.20-552350.1	RA: 23 39 13.2180 (354.8050750d) Dec: -55 23 50.84 (-55.39746d) Equinox: J2000	Redshift: 1.354	V=15.5 fuv=17.91 nuv=16.37
Fixed Targets	<i>Comments:</i> Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO				

Proposal 15163 - J2339-553(36) - 3 orbits - G160M (O4) - COS Ultraviolet Baryon Survey (CUBS)

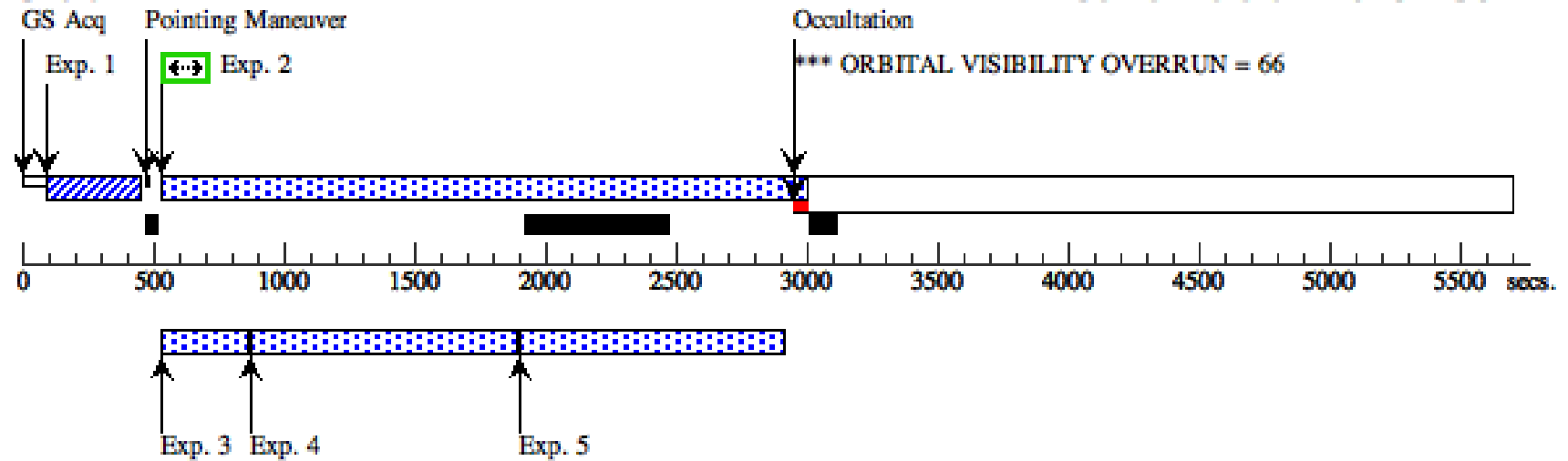
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9413)	(15) J233913.20-552 350.1	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				34 Secs (34 Secs) [==>]	[1]
	2	C1623/FP2 (COS.sp.101 2135)	(15) J233913.20-552 350.1	COS/FUV, TIME-TAG, PSA	G160M 1623 A	FP-POS=2; BUFFER-TIME=25 00		Prime + Parallel Gro up 2-5 in J2339-553(36) - 3 orbits - G160 M (O4)	2250 Secs (2250 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J2339-553(36) - 3 orbits - G160 M (O4)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J2339-553(36) - 3 orbits - G160 M (O4)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J2339-553(36) - 3 orbits - G160 M (O4)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1623/FP4 (COS.sp.101 2135)	(15) J233913.20-552 350.1	COS/FUV, TIME-TAG, PSA	G160M 1623 A	FP-POS=4; BUFFER-TIME=11 65		Prime + Parallel Gro up 6-8 in J2339-553(36) - 3 orbits - G160 M (O4)	1260 Secs (1260 Secs) [==>]	[2]
	7	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-8 in J2339-553(36) - 3 orbits - G160 M (O4)	252.937441 Secs (252.937 Secs) [==>]	[2]
	8	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-8 in J2339-553(36) - 3 orbits - G160 M (O4)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	9	C1577/FP2 (COS.sp.101 2137)	(15) J233913.20-552 350.1	COS/FUV, TIME-TAG, PSA	G160M 1577 A	FP-POS=2; BUFFER-TIME=20 00		Prime + Parallel Gro up 9-11 in J2339-553 (36) - 3 orbits - G160 M (O4)	1271 Secs (1271 Secs) [==>]	[2]
	10	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 9-11 in J2339-553 (36) - 3 orbits - G160 M (O4)	252.937441 Secs (252.937 Secs) [==>]	[2]
	11	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 9-11 in J2339-553 (36) - 3 orbits - G160 M (O4)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	12	C1577/FP4 (COS.sp.101 2137)	(15) J233913.20-552 350.1	COS/FUV, TIME-TAG, PSA	G160M 1577 A	FP-POS=4; BUFFER-TIME=25 00		Prime + Parallel Gro up 12-18 in J2339-55 3(36) - 3 orbits - G16 0M (O4)	2719 Secs (2719 Secs) [==>]	[3]
	13	F160-9-S25 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=9; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 12-18 in J2339-55 3(36) - 3 orbits - G16 0M (O4)	202.936411 Secs (202.936 Secs) [==>]	[3]
	14	G141-14-S5 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=SPAR S50		Prime + Parallel Gro up 12-18 in J2339-55 3(36) - 3 orbits - G16 0M (O4)	652.938154 Secs (652.938 Secs) [==>]	[3]

Proposal 15163 - J2339-553(36) - 3 orbits - G160M (O4) - COS Ultraviolet Baryon Survey (CUBS)

	15	F160-9-S25 ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=9; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 12-18 in J2339-55 3(36) - 3 orbits - G16 0M (O4)	202.936411 Secs (202.936 Secs)	[==>]	[3]
	16	G141-14-S5 ANY 0	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=SPAR S50	Prime + Parallel Gro up 12-18 in J2339-55 3(36) - 3 orbits - G16 0M (O4)	652.938154 Secs (652.938 Secs)	[==>]	[3]
	17	F160-9-S25 ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=9; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 12-18 in J2339-55 3(36) - 3 orbits - G16 0M (O4)	202.936411 Secs (202.936 Secs)	[==>]	[3]
	18	G141-14-S5 ANY 0	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=SPAR S50	Prime + Parallel Gro up 12-18 in J2339-55 3(36) - 3 orbits - G16 0M (O4)	652.938154 Secs (652.938 Secs)	[==>]	[3]

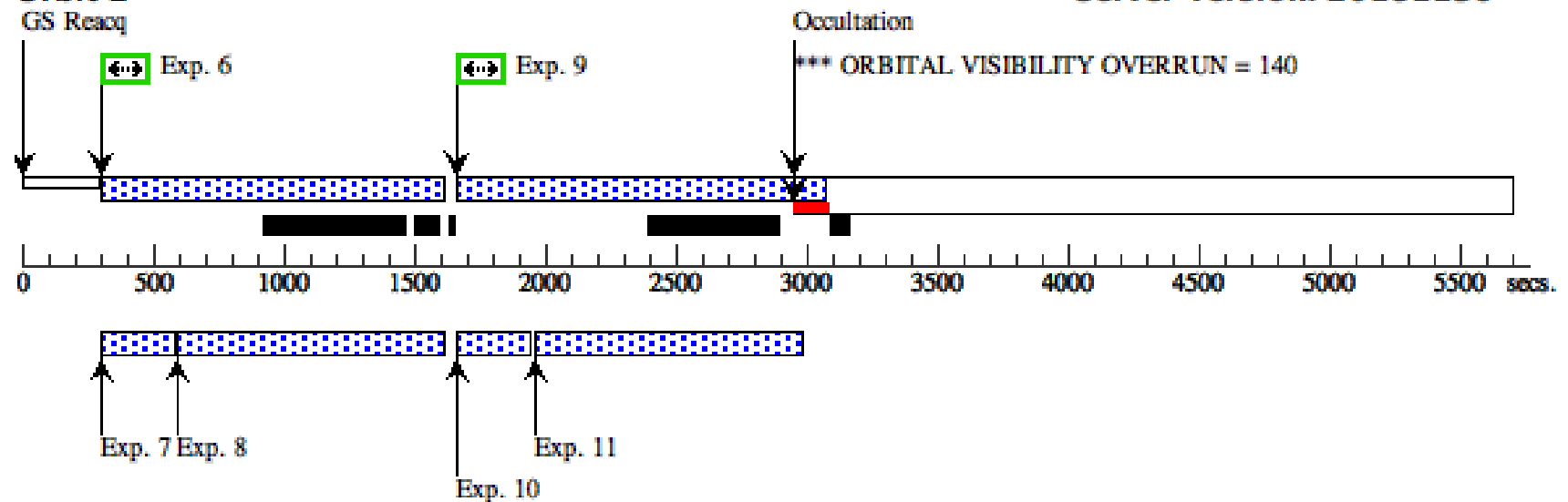
Orbit 1

Server Version: 20181130



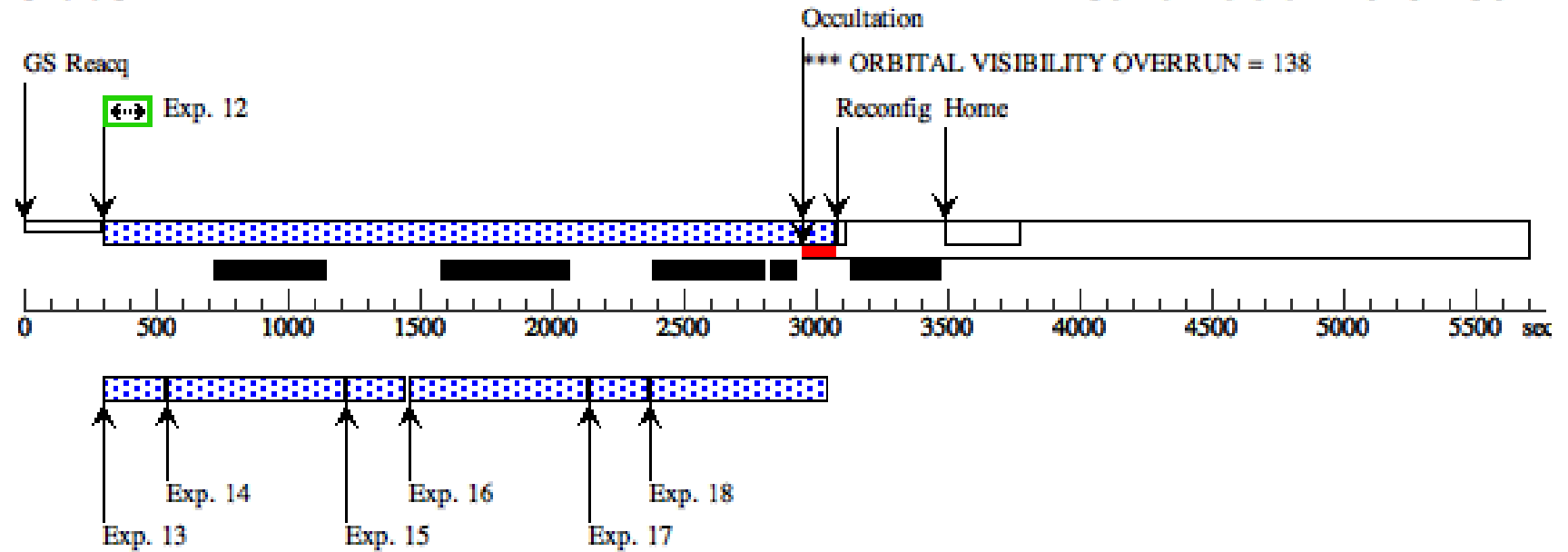
Orbit 2

Server Version: 20181130



Orbit 3

Server Version: 20181130



Proposal 15163 - J2339-553(36) - 3 orbits - G160M (O6) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J2339-553(36) - 3 orbits - G160M (O6), failed					Tue Feb 26 23:04:24 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%; ORIENT 217D TO 196 D					
Diagnostics	Comments: Repeat of Visit O4, which was a repeat of O2					
	(J2339-553(36) - 3 orbits - G160M (O6)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.					
	(J2339-553(36) - 3 orbits - G160M (O6)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J2339-553(36) - 3 orbits - G160M (O6)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J2339-553(36) - 3 orbits - G160M (O6)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(15)	J233913.20-552350.1	RA: 23 39 13.2180 (354.8050750d) Dec: -55 23 50.84 (-55.39746d) Equinox: J2000	Redshift: 1.354	V=15.5 fuv=17.91 nuv=16.37	Reference Frame: ICRS
	Comments: Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO					

Proposal 15163 - J2339-553(36) - 3 orbits - G160M (O6) - COS Ultraviolet Baryon Survey (CUBS)

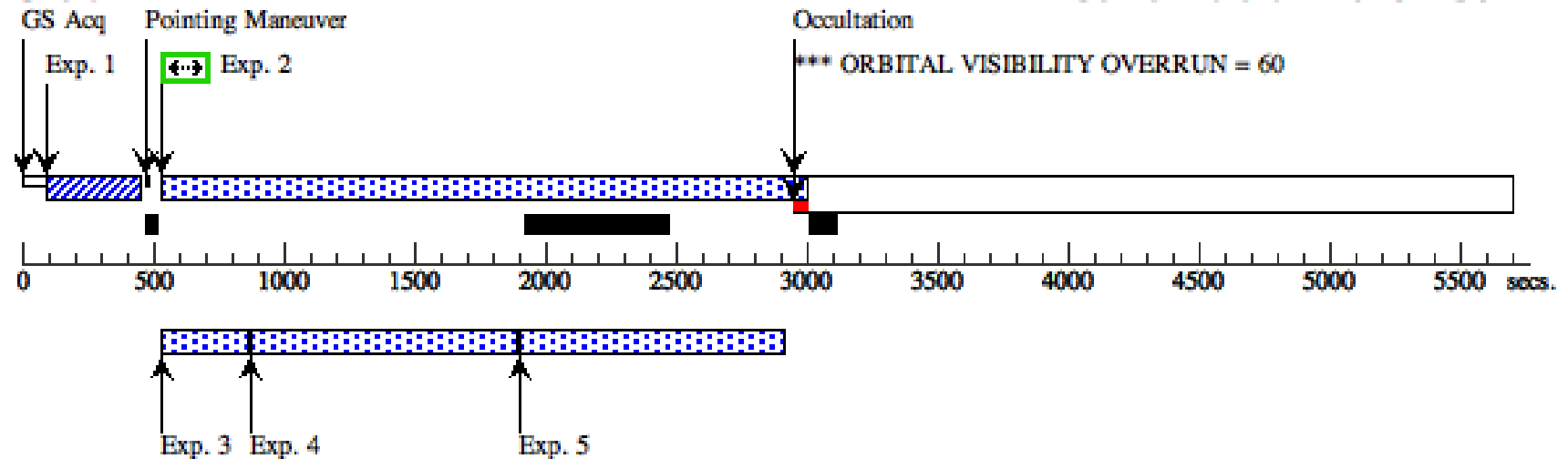
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9413)	(15) J233913.20-552 350.1	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				34 Secs (34 Secs) [==>]	[1]
	2	C1623/FP2 (COS.sp.101 2135)	(15) J233913.20-552 350.1	COS/FUV, TIME-TAG, PSA	G160M 1623 A	FP-POS=2; BUFFER-TIME=25 00		Prime + Parallel Gro up 2-5 in J2339-553(36) - 3 orbits - G160 M (O6)	2244 Secs (2244 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J2339-553(36) - 3 orbits - G160 M (O6)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J2339-553(36) - 3 orbits - G160 M (O6)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J2339-553(36) - 3 orbits - G160 M (O6)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1623/FP4 (COS.sp.101 2135)	(15) J233913.20-552 350.1	COS/FUV, TIME-TAG, PSA	G160M 1623 A	FP-POS=4; BUFFER-TIME=11 65		Prime + Parallel Gro up 6-8 in J2339-553(36) - 3 orbits - G160 M (O6)	1260 Secs (1260 Secs) [==>]	[2]
	7	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-8 in J2339-553(36) - 3 orbits - G160 M (O6)	252.937441 Secs (252.937 Secs) [==>]	[2]
	8	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-8 in J2339-553(36) - 3 orbits - G160 M (O6)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	9	C1577/FP2 (COS.sp.101 2137)	(15) J233913.20-552 350.1	COS/FUV, TIME-TAG, PSA	G160M 1577 A	FP-POS=2; BUFFER-TIME=20 00		Prime + Parallel Gro up 9-11 in J2339-553 (36) - 3 orbits - G160 M (O6)	1251 Secs (1251 Secs) [==>]	[2]
	10	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 9-11 in J2339-553 (36) - 3 orbits - G160 M (O6)	252.937441 Secs (252.937 Secs) [==>]	[2]
	11	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 9-11 in J2339-553 (36) - 3 orbits - G160 M (O6)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	12	C1577/FP4 (COS.sp.101 2137)	(15) J233913.20-552 350.1	COS/FUV, TIME-TAG, PSA	G160M 1577 A	FP-POS=4; BUFFER-TIME=25 00		Prime + Parallel Gro up 12-18 in J2339-55 3(36) - 3 orbits - G16 0M (O6)	2701 Secs (2701 Secs) [==>]	[3]
	13	F160-9-S25 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=9; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 12-18 in J2339-55 3(36) - 3 orbits - G16 0M (O6)	202.936411 Secs (202.936 Secs) [==>]	[3]
	14	G141-14-S5 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=SPAR S50		Prime + Parallel Gro up 12-18 in J2339-55 3(36) - 3 orbits - G16 0M (O6)	652.938154 Secs (652.938 Secs) [==>]	[3]

Proposal 15163 - J2339-553(36) - 3 orbits - G160M (O6) - COS Ultraviolet Baryon Survey (CUBS)

	15	F160-9-S25 ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=9; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 12-18 in J2339-55 3(36) - 3 orbits - G16 0M (O6)	202.936411 Secs (202.936 Secs)	[==>]	[3]
	16	G141-14-S5 ANY 0	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=SPAR S50	Prime + Parallel Gro up 12-18 in J2339-55 3(36) - 3 orbits - G16 0M (O6)	652.938154 Secs (652.938 Secs)	[==>]	[3]
	17	F160-9-S25 ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=9; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 12-18 in J2339-55 3(36) - 3 orbits - G16 0M (O6)	202.936411 Secs (202.936 Secs)	[==>]	[3]
	18	G141-14-S5 ANY 0	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=SPAR S50	Prime + Parallel Gro up 12-18 in J2339-55 3(36) - 3 orbits - G16 0M (O6)	652.938154 Secs (652.938 Secs)	[==>]	[3]

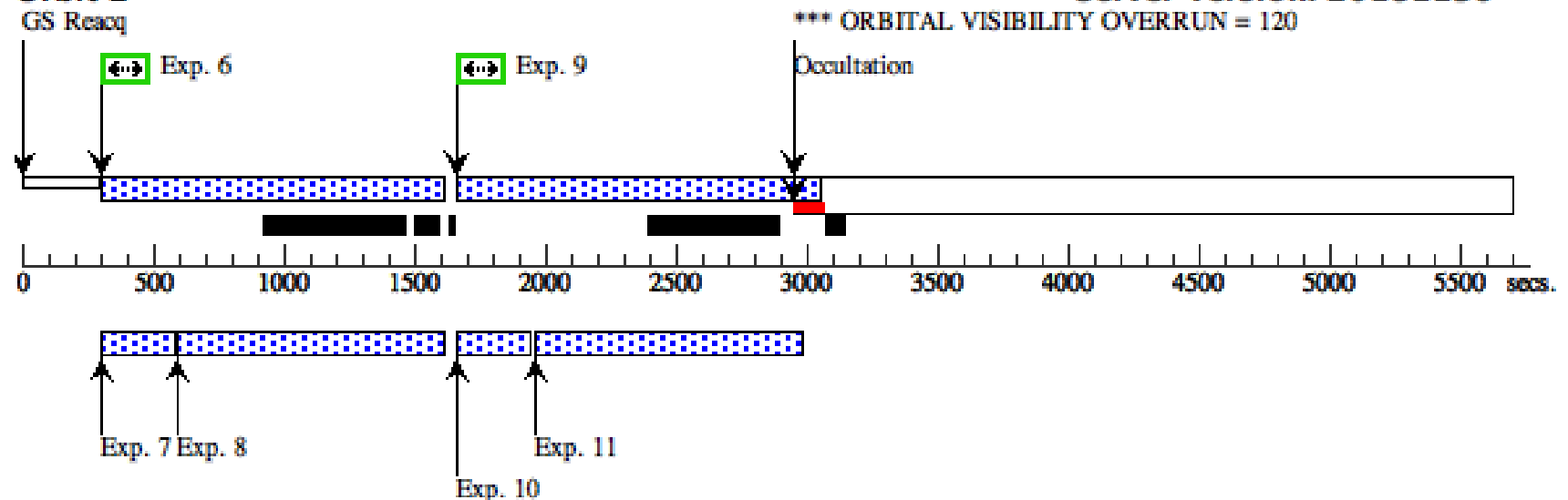
Orbit 1

Server Version: 20181130



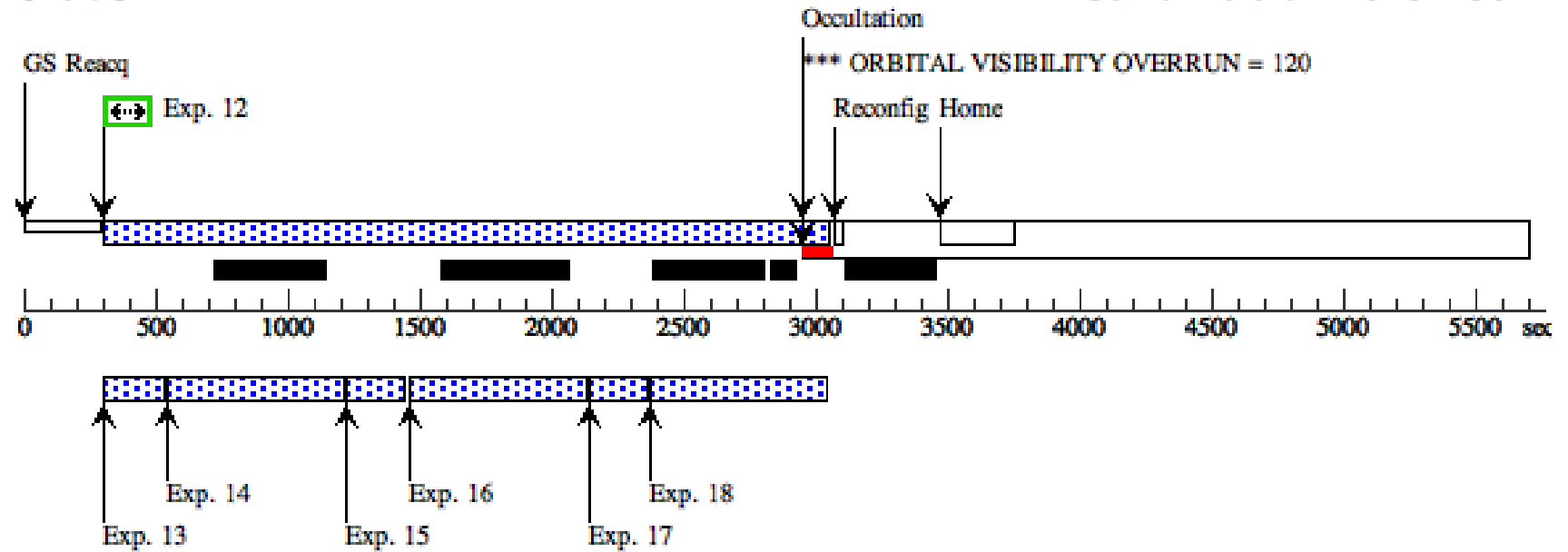
Orbit 2

Server Version: 20181130



Orbit 3

Server Version: 20181130



Proposal 15163 - J2339-553(36) - 3 orbits - G160M (O3) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J2339-553(36) - 3 orbits - G160M (O3), completed Tue Feb 26 23:04:24 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV Special Requirements: SCHED 100%; ORIENT 217D TO 196 D <i>Comments: See comment in O1</i>				
Diagnostics	(J2339-553(36) - 3 orbits - G160M (O3)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (J2339-553(36) - 3 orbits - G160M (O3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J2339-553(36) - 3 orbits - G160M (O3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J2339-553(36) - 3 orbits - G160M (O3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(15)	J233913.20-552350.1	RA: 23 39 13.2180 (354.8050750d) Dec: -55 23 50.84 (-55.39746d) Equinox: J2000	Redshift: 1.354	V=15.5 fuv=17.91 nuv=16.37
Fixed Targets	<i>Comments:</i> Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO				

Proposal 15163 - J2339-553(36) - 3 orbits - G160M (O3) - COS Ultraviolet Baryon Survey (CUBS)

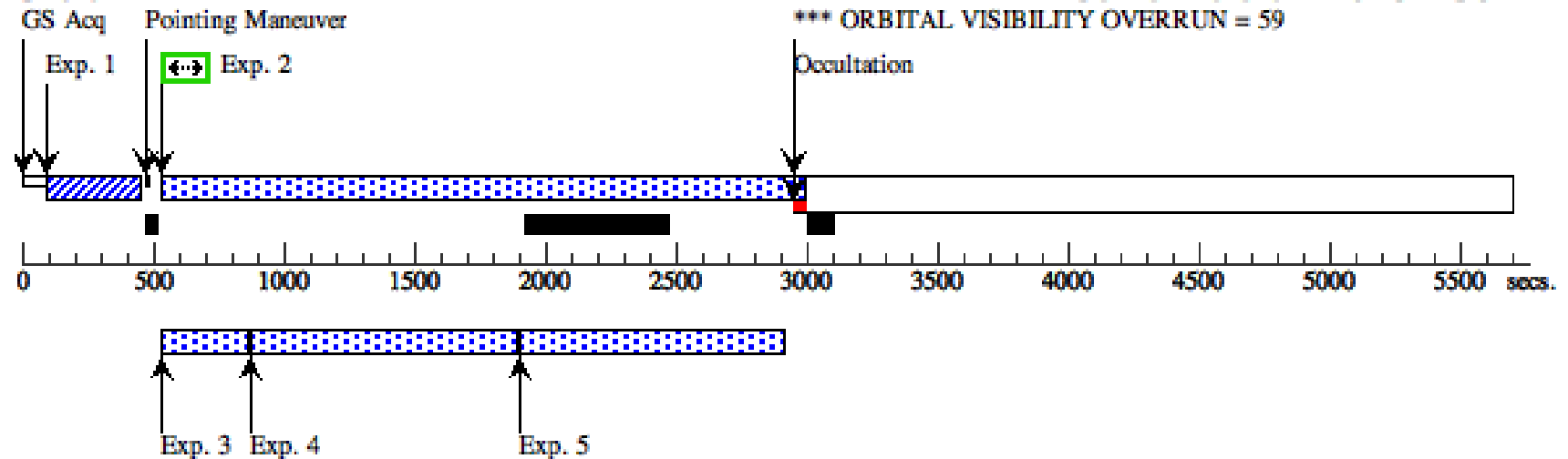
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9413)	(15) J233913.20-552 350.1	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				34 Secs (34 Secs) [==>]	[1]
	2	C1589/FP2 (COS.sp.101 2137)	(15) J233913.20-552 350.1	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=2; BUFFER-TIME=25 00		Prime + Parallel Gro up 2-5 in J2339-553(36) - 3 orbits - G160 M (O3)	2253 Secs (2253 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J2339-553(36) - 3 orbits - G160 M (O3)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J2339-553(36) - 3 orbits - G160 M (O3)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J2339-553(36) - 3 orbits - G160 M (O3)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1589/FP4 (COS.sp.101 2137)	(15) J233913.20-552 350.1	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=4; BUFFER-TIME=11 56		Prime + Parallel Gro up 6-8 in J2339-553(36) - 3 orbits - G160 M (O3)	1256 Secs (1256 Secs) [==>]	[2]
	7	F160-10-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=10; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-8 in J2339-553(36) - 3 orbits - G160 M (O3)	227.936926 Secs (227.937 Secs) [==>]	[2]
	8	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-8 in J2339-553(36) - 3 orbits - G160 M (O3)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	9	C1611/FP2 (COS.sp.101 2135)	(15) J233913.20-552 350.1	COS/FUV, TIME-TAG, PSA	G160M 1611 A	FP-POS=2; BUFFER-TIME=25 00		Prime + Parallel Gro up 9-11 in J2339-553 (36) - 3 orbits - G160 M (O3)	1282 Secs (1282 Secs) [==>]	[2]
	10	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 9-11 in J2339-553 (36) - 3 orbits - G160 M (O3)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	11	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 9-11 in J2339-553 (36) - 3 orbits - G160 M (O3)	302.938471 Secs (302.938 Secs) [==>]	[2]
	12	C1611/FP4 (COS.sp.101 2135)	(15) J233913.20-552 350.1	COS/FUV, TIME-TAG, PSA	G160M 1611 A	FP-POS=4; BUFFER-TIME=25 00		Prime + Parallel Gro up 12-16 in J2339-55 3(36) - 3 orbits - G16 0M (O3)	2719 Secs (2719 Secs) [==>]	[3]
	13	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 12-16 in J2339-55 3(36) - 3 orbits - G16 0M (O3)	302.938471 Secs (302.938 Secs) [==>]	[3]
	14	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 12-16 in J2339-55 3(36) - 3 orbits - G16 0M (O3)	1002.935521 Secs (1002.936 Secs) [==>]	[3]

Proposal 15163 - J2339-553(36) - 3 orbits - G160M (O3) - COS Ultraviolet Baryon Survey (CUBS)

	15	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 12-16 in J2339-55 3(36) - 3 orbits - G16 0M (O3)	1002.935521 Secs (1002.936 Secs) [==>]	[3]
	16	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 12-16 in J2339-55 3(36) - 3 orbits - G16 0M (O3)	302.938471 Secs (302.938 Secs) [==>]	[3]

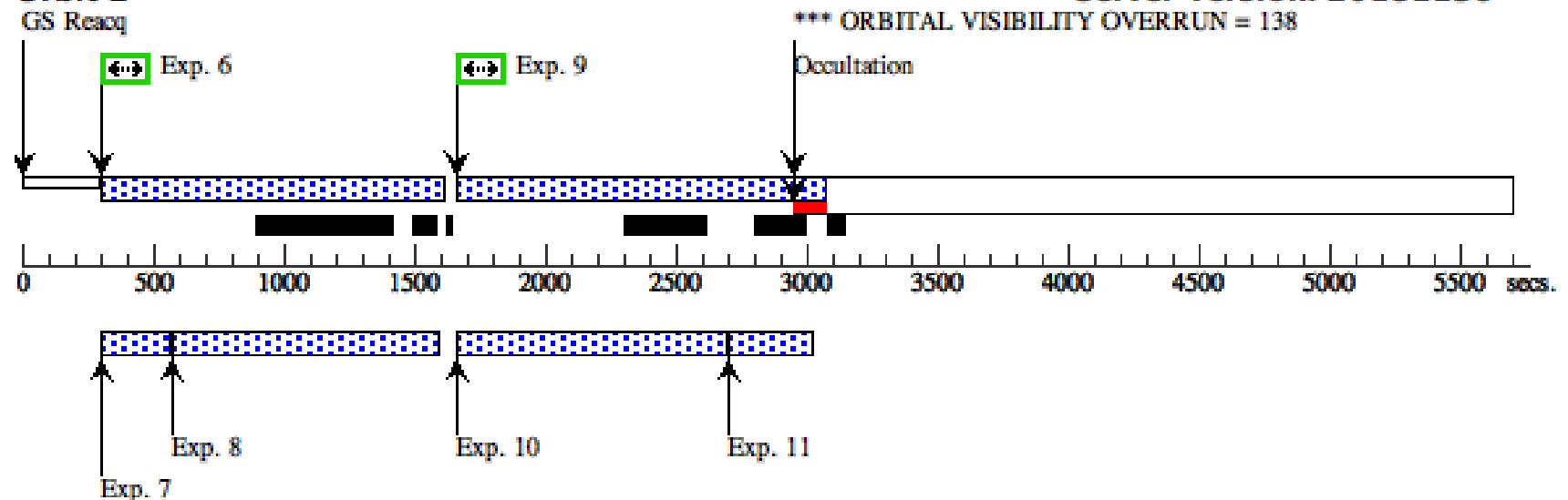
Orbit 1

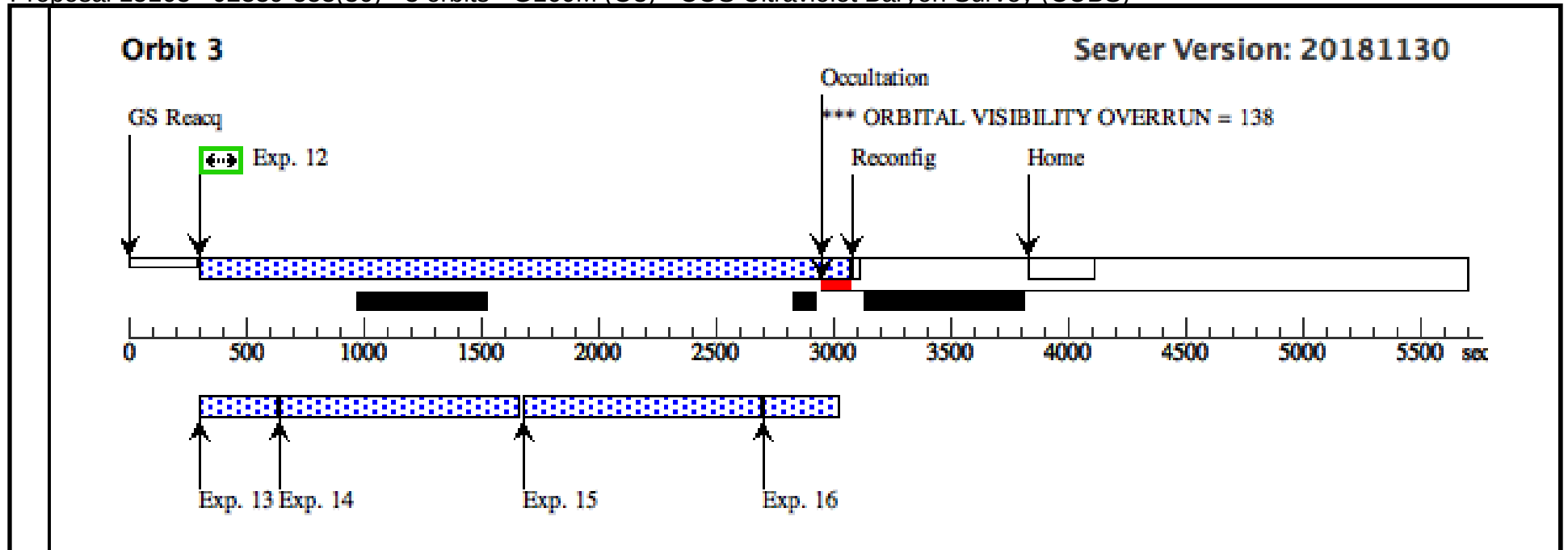
Server Version: 20181130



Orbit 2

Server Version: 20181130





Proposal 15163 - J2339-553(36) - 3 orbits - G160M (O7) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J2339-553(36) - 3 orbits - G160M (O7), scheduling					Tue Feb 26 23:04:24 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%; ORIENT 217D TO 196 D					
Comments: Repeat of Visit O6, which was a repeat of O4/O2						
Diagnosics	(J2339-553(36) - 3 orbits - G160M (O7)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(15)	J233913.20-552350.1	RA: 23 39 13.2180 (354.8050750d)	Redshift: 1.354	V=15.5	Reference Frame: ICRS
			Dec: -55 23 50.84 (-55.39746d)		fuv=17.91 nuv=16.37	
			Equinox: J2000			
Comments:						
Category=EXT-MEDIUM						
Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM]						
Extended=NO						

Proposal 15163 - J2339-553(36) - 3 orbits - G160M (O7) - COS Ultraviolet Baryon Survey (CUBS)

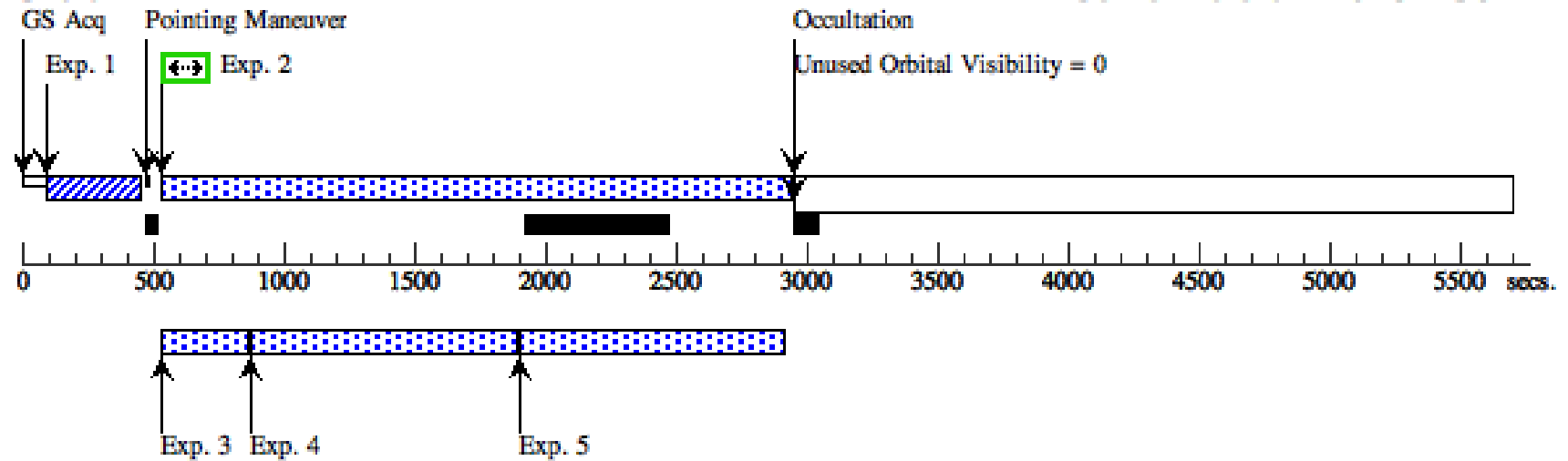
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9413)	(15) J233913.20-552 350.1	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				34 Secs (34 Secs) [==>]	[1]
	2	C1623/FP2 (COS.sp.101 2135)	(15) J233913.20-552 350.1	COS/FUV, TIME-TAG, PSA	G160M 1623 A	FP-POS=2; BUFFER-TIME=25 00		Prime + Parallel Gro up 2-5 in J2339-553(36) - 3 orbits - G160 M (O7)	2184 Secs (2184 Secs) [==>]	[1]
	3	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J2339-553(36) - 3 orbits - G160 M (O7)	302.938471 Secs (302.938 Secs) [==>]	[1]
	4	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J2339-553(36) - 3 orbits - G160 M (O7)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J2339-553(36) - 3 orbits - G160 M (O7)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	6	C1623/FP4 (COS.sp.101 2135)	(15) J233913.20-552 350.1	COS/FUV, TIME-TAG, PSA	G160M 1623 A	FP-POS=4; BUFFER-TIME=36 00		Prime + Parallel Gro up 6-8 in J2339-553(36) - 3 orbits - G160 M (O7)	1200 Secs (1200 Secs) [==>]	[2]
	7	F110-10-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=10; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-8 in J2339-553(36) - 3 orbits - G160 M (O7)	227.936926 Secs (227.937 Secs) [==>]	[2]
	8	G102-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=10; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-8 in J2339-553(36) - 3 orbits - G160 M (O7)	902.935198 Secs (902.935 Secs) [==>]	[2]
	9	C1577/FP2 (COS.sp.101 2137)	(15) J233913.20-552 350.1	COS/FUV, TIME-TAG, PSA	G160M 1577 A	FP-POS=2; BUFFER-TIME=36 00		Prime + Parallel Gro up 9-11 in J2339-553 (36) - 3 orbits - G160 M (O7)	1174 Secs (1174 Secs) [==>]	[2]
	10	F110-10-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=10; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 9-11 in J2339-553 (36) - 3 orbits - G160 M (O7)	227.936926 Secs (227.937 Secs) [==>]	[2]
	11	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 9-11 in J2339-553 (36) - 3 orbits - G160 M (O7)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	12	C1577/FP4 (COS.sp.101 2137)	(15) J233913.20-552 350.1	COS/FUV, TIME-TAG, PSA	G160M 1577 A	FP-POS=4; BUFFER-TIME=36 00		Prime + Parallel Gro up 12-18 in J2339-55 3(36) - 3 orbits - G16 0M (O7)	2581 Secs (2581 Secs) [==>]	[3]
	13	F160-9-S25 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=9; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 12-18 in J2339-55 3(36) - 3 orbits - G16 0M (O7)	202.936411 Secs (202.936 Secs) [==>]	[3]
	14	G141-12-S5 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S50		Prime + Parallel Gro up 12-18 in J2339-55 3(36) - 3 orbits - G16 0M (O7)	552.937252 Secs (552.937 Secs) [==>]	[3]

Proposal 15163 - J2339-553(36) - 3 orbits - G160M (O7) - COS Ultraviolet Baryon Survey (CUBS)

	15	F160-9-S25 ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=9; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 12-18 in J2339-55 3(36) - 3 orbits - G16 0M (O7)	202.936411 Secs (202.936 Secs) [==>]	[3]
	16	G141-14-S5 ANY 0	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=14; SAMP-SEQ=SPAR S50	Prime + Parallel Gro up 12-18 in J2339-55 3(36) - 3 orbits - G16 0M (O7)	652.938154 Secs (652.938 Secs) [==>]	[3]
	17	F160-9-S25 ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=9; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 12-18 in J2339-55 3(36) - 3 orbits - G16 0M (O7)	202.936411 Secs (202.936 Secs) [==>]	[3]
	18	G141-13-S5 ANY 0	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S50	Prime + Parallel Gro up 12-18 in J2339-55 3(36) - 3 orbits - G16 0M (O7)	602.937703 Secs (602.938 Secs) [==>]	[3]

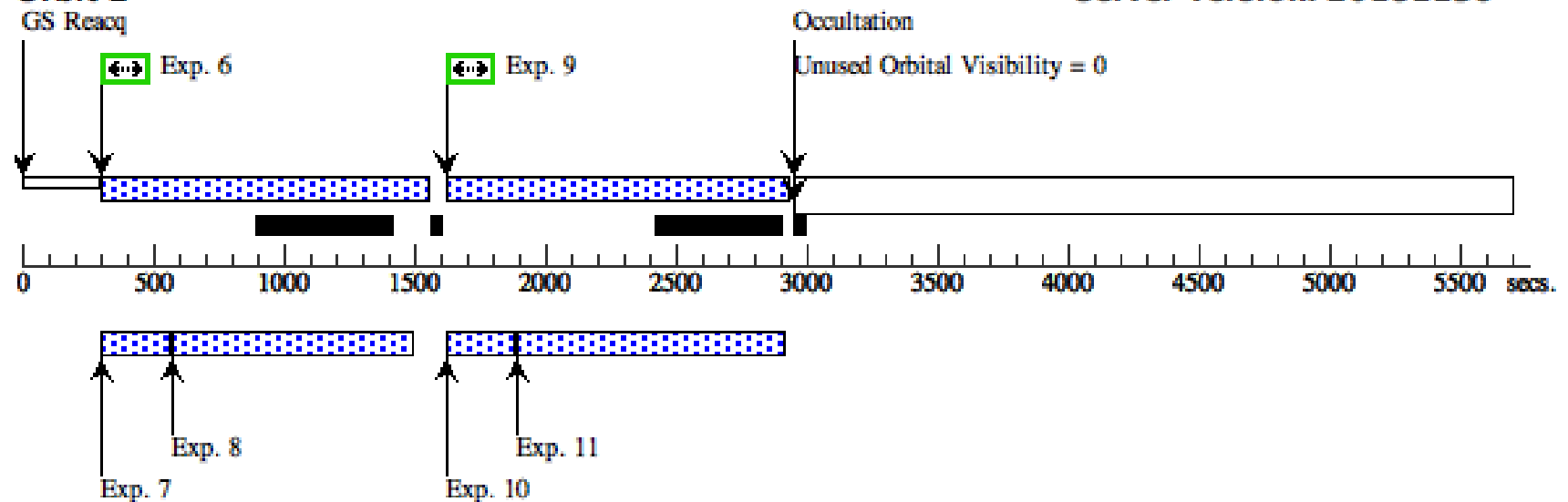
Orbit 1

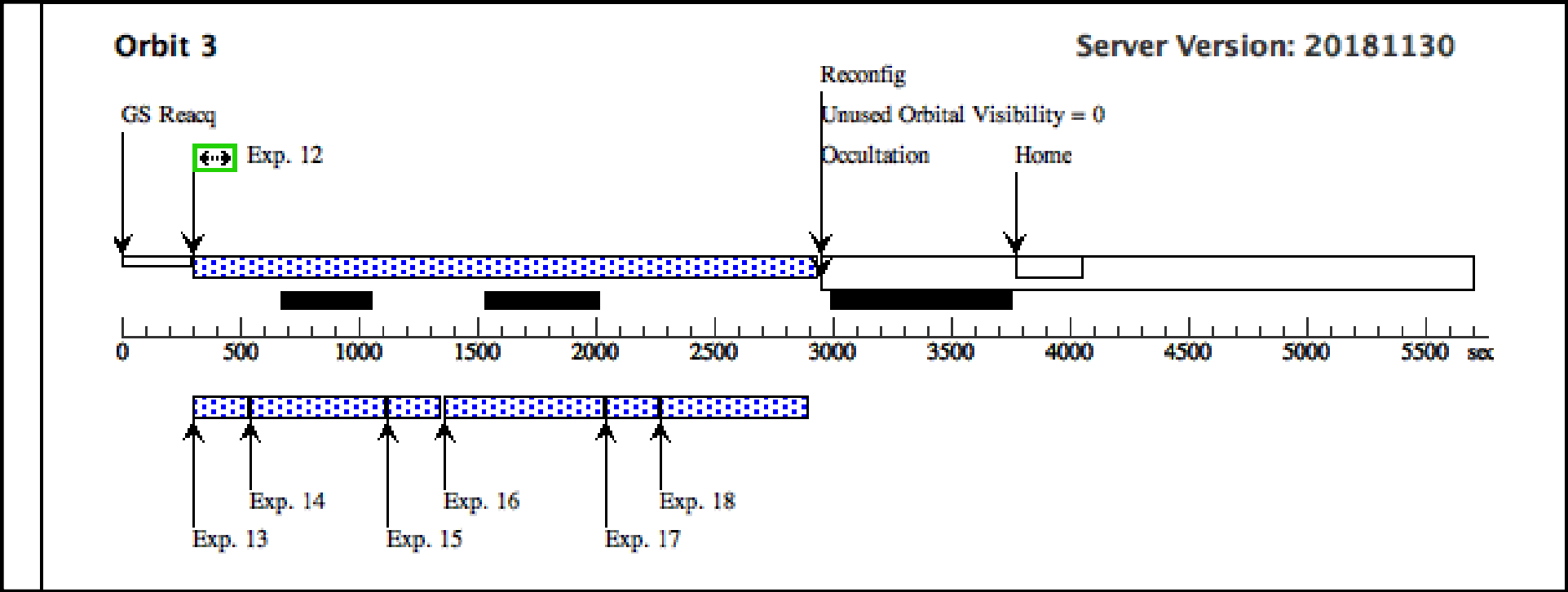
Server Version: 20181130



Orbit 2

Server Version: 20181130





Proposal 15163 - J0454-611(35) - 4 orbits - G130M+G160M (K1) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J0454-611(35) - 4 orbits - G130M+G160M (K1), failed					Tue Feb 26 23:04:24 GMT 2019
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%; ORIENT 104.2D TO 76 D					
Diagnostics	Comments: This target has 8 orbits. This visit contains 3 G130M orbits+ 5 G160M 1.5 orbits C1223 + 1.5 orbits C1291 1.5 orbits C1577 + 1 orbits C1589 + 1 orbits C1611 + 1.5 orbits C1623					
	K1 : 3G130M +1G160M TAC1291F34 + C1223F1234 + C1291F3 + C1611F13					
	K2 : 4G160M TAC1589F13 + C1577F1 + C1577F3/C1623F1 + C1623F3					
	(J0454-611(35) - 4 orbits - G130M+G160M (K1)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.					
Fixed Targets	(J0454-611(35) - 4 orbits - G130M+G160M (K1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0454-611(35) - 4 orbits - G130M+G160M (K1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0454-611(35) - 4 orbits - G130M+G160M (K1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(J0454-611(35) - 4 orbits - G130M+G160M (K1)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(11)	J045415.95-611626.6	RA: 04 54 15.9500 (73.5664583d) Dec: -61 16 26.56 (-61.27404d) Equinox: J2000	Redshift: 0.784	V=16.1 fuv=16.89 nuv=16.16	Reference Frame: ICRS
	Comments: Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO					

Proposal 15163 - J0454-611(35) - 4 orbits - G130M+G160M (K1) - COS Ultraviolet Baryon Survey (CUBS)

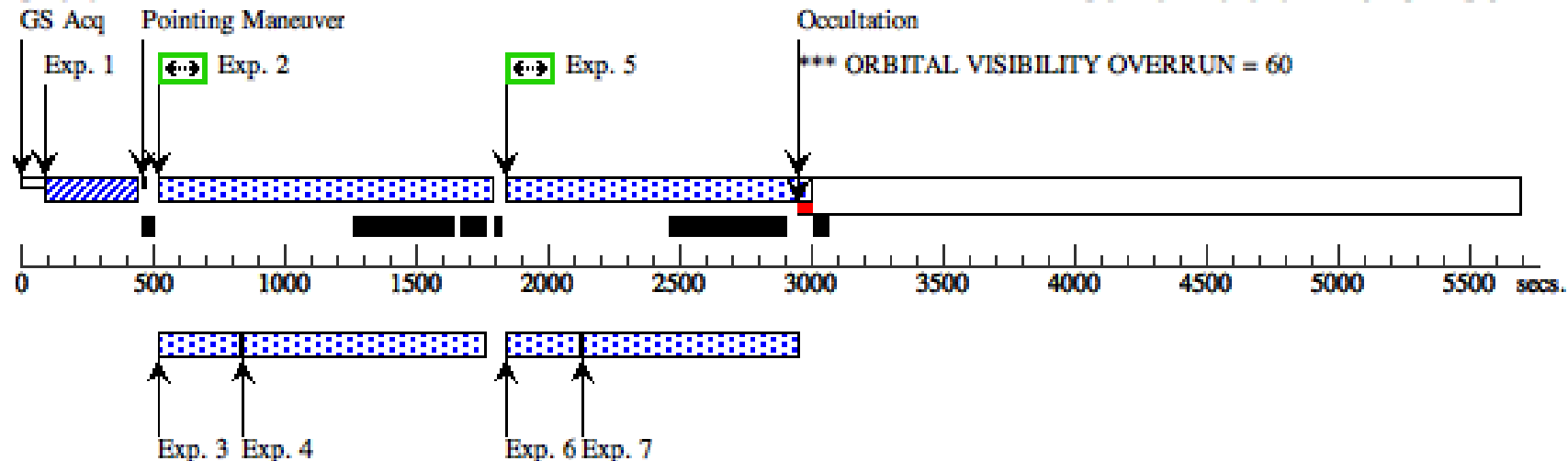
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9407)	(11) J045415.95-611 626.6	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				29 Secs (29 Secs) [==>]	[1]
	2	C1291/FP3 (COS.sp.101 2109)	(11) J045415.95-611 626.6	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=10 00		Prime + Parallel Gro up 2-4 in J0454-611(35) - 4 orbits - G130 M+G160M (K1)	1100 Secs (1100 Secs) [==>]	[1]
	3	F110-12-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=12; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-4 in J0454-611(35) - 4 orbits - G130 M+G160M (K1)	277.937956 Secs (277.938 Secs) [==>]	[1]
	4	G102-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=10; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-4 in J0454-611(35) - 4 orbits - G130 M+G160M (K1)	902.935198 Secs (902.935 Secs) [==>]	[1]
	5	C1291/FP4 (COS.sp.101 2109)	(11) J045415.95-611 626.6	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=25 00		Prime + Parallel Gro up 5-7 in J0454-611(35) - 4 orbits - G130 M+G160M (K1)	1110 Secs (1110 Secs) [==>]	[1]
	6	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 5-7 in J0454-611(35) - 4 orbits - G130 M+G160M (K1)	252.937441 Secs (252.937 Secs) [==>]	[1]
	7	G102-9-S10 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=9; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 5-7 in J0454-611(35) - 4 orbits - G130 M+G160M (K1)	802.934875 Secs (802.935 Secs) [==>]	[1]
	8	C1222/FP1 (COS.sp.101 3001)	(11) J045415.95-611 626.6	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=1; BUFFER-TIME=50 0		Prime + Parallel Gro up 8-10 in J0454-611 (35) - 4 orbits - G130 M+G160M (K1)	601 Secs (601 Secs) [==>]	[2]
	9	F160-14-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=14; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 8-10 in J0454-611 (35) - 4 orbits - G130 M+G160M (K1)	327.938986 Secs (327.939 Secs) [==>]	[2]
	10	F160-14-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=14; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 8-10 in J0454-611 (35) - 4 orbits - G130 M+G160M (K1)	327.938986 Secs (327.939 Secs) [==>]	[2]
	11	C1222/FP2 (COS.sp.101 3001)	(11) J045415.95-611 626.6	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=2; BUFFER-TIME=50 1		Prime + Parallel Gro up 11-12 in J0454-61 1(35) - 4 orbits - G13 0M+G160M (K1)	601 Secs (601 Secs) [==>]	[2]
	12	G141-13-S5 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S50		Prime + Parallel Gro up 11-12 in J0454-61 1(35) - 4 orbits - G13 0M+G160M (K1)	602.937703 Secs (602.938 Secs) [==>]	[2]
	13	C1222/FP3 (COS.sp.101 3001)	(11) J045415.95-611 626.6	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=3; BUFFER-TIME=20 00		Prime + Parallel Gro up 13-16 in J0454-61 1(35) - 4 orbits - G13 0M+G160M (K1)	1200 Secs (1200 Secs) [==>]	[2]
	14	G141-12-S5 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S50		Prime + Parallel Gro up 13-16 in J0454-61 1(35) - 4 orbits - G13 0M+G160M (K1)	552.937252 Secs (552.937 Secs) [==>]	[2]

Proposal 15163 - J0454-611(35) - 4 orbits - G130M+G160M (K1) - COS Ultraviolet Baryon Survey (CUBS)

15	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 13-16 in J0454-61 1(35) - 4 orbits - G13 0M+G160M (K1)	302.938471 Secs (302.938 Secs) [==>]	[2]
16	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 13-16 in J0454-61 1(35) - 4 orbits - G13 0M+G160M (K1)	302.938471 Secs (302.938 Secs) [==>]	[2]
17	C1222/FP4 (COS.sp.101 2109)	(11) J045415.95-611 626.6	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=4; BUFFER-TIME=11 52	Prime + Parallel Gro up 17-19 in J0454-61 1(35) - 4 orbits - G13 0M+G160M (K1)	1252 Secs (1252 Secs) [==>]	[3]
18	F110-12-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=12; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 17-19 in J0454-61 1(35) - 4 orbits - G13 0M+G160M (K1)	277.937956 Secs (277.938 Secs) [==>]	[3]
19	G102-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=10; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 17-19 in J0454-61 1(35) - 4 orbits - G13 0M+G160M (K1)	902.935198 Secs (902.935 Secs) [==>]	[3]
20	C1291/FP3 (COS.sp.101 2109)	(11) J045415.95-611 626.6	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=20 00	Prime + Parallel Gro up 20-22 in J0454-61 1(35) - 4 orbits - G13 0M+G160M (K1)	1275 Secs (1275 Secs) [==>]	[3]
21	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 20-22 in J0454-61 1(35) - 4 orbits - G13 0M+G160M (K1)	1002.935521 Secs (1002.936 Secs) [==>]	[3]
22	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 20-22 in J0454-61 1(35) - 4 orbits - G13 0M+G160M (K1)	252.937441 Secs (252.937 Secs) [==>]	[3]
23	C1623/F1 (COS.sp.101 2117)	(11) J045415.95-611 626.6	COS/FUV, TIME-TAG, PSA	G160M 1623 A	FP-POS=1; BUFFER-TIME=11 40	Prime + Parallel Gro up 23-25 in J0454-61 1(35) - 4 orbits - G13 0M+G160M (K1)	1241 Secs (1241 Secs) [==>]	[4]
24	F110-10-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=10; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 23-25 in J0454-61 1(35) - 4 orbits - G13 0M+G160M (K1)	227.936926 Secs (227.937 Secs) [==>]	[4]
25	G102-12-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=12; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 23-25 in J0454-61 1(35) - 4 orbits - G13 0M+G160M (K1)	1102.935844 Secs (1102.936 Secs) [==>]	[4]
26	C1623/F3 (COS.sp.101 2117)	(11) J045415.95-611 626.6	COS/FUV, TIME-TAG, PSA	G160M 1623 A	FP-POS=3; BUFFER-TIME=25 00	Prime + Parallel Gro up 26-28 in J0454-61 1(35) - 4 orbits - G13 0M+G160M (K1)	1269 Secs (1269 Secs) [==>]	[4]
27	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 26-28 in J0454-61 1(35) - 4 orbits - G13 0M+G160M (K1)	302.938471 Secs (302.938 Secs) [==>]	[4]
28	G141-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=10; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 26-28 in J0454-61 1(35) - 4 orbits - G13 0M+G160M (K1)	902.935198 Secs (902.935 Secs) [==>]	[4]

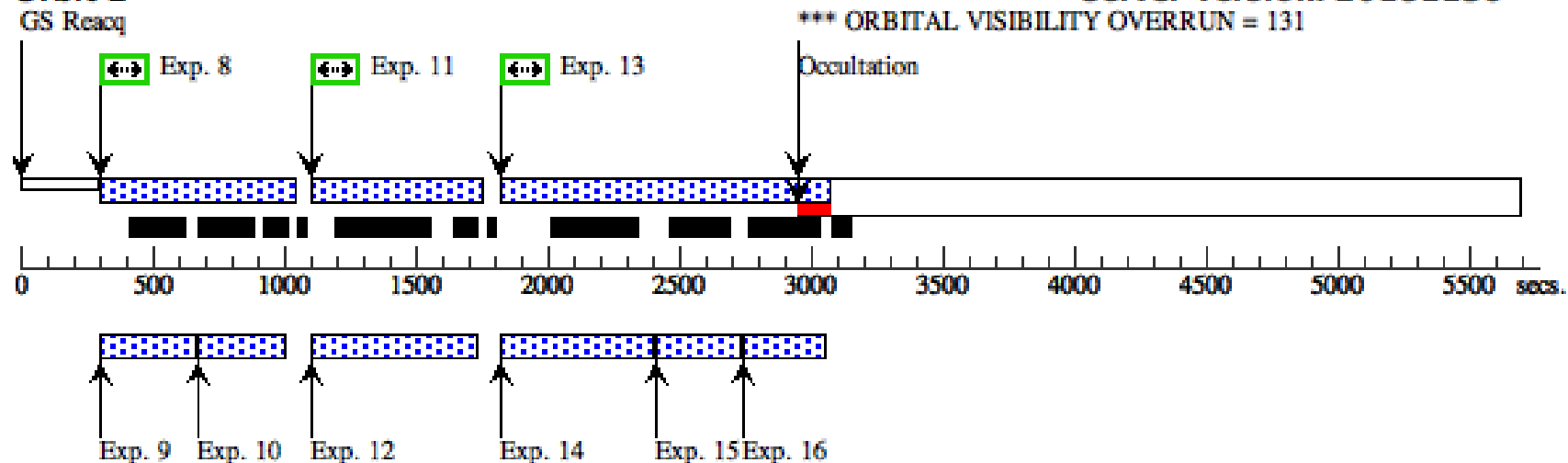
Orbit 1

Server Version: 20181130



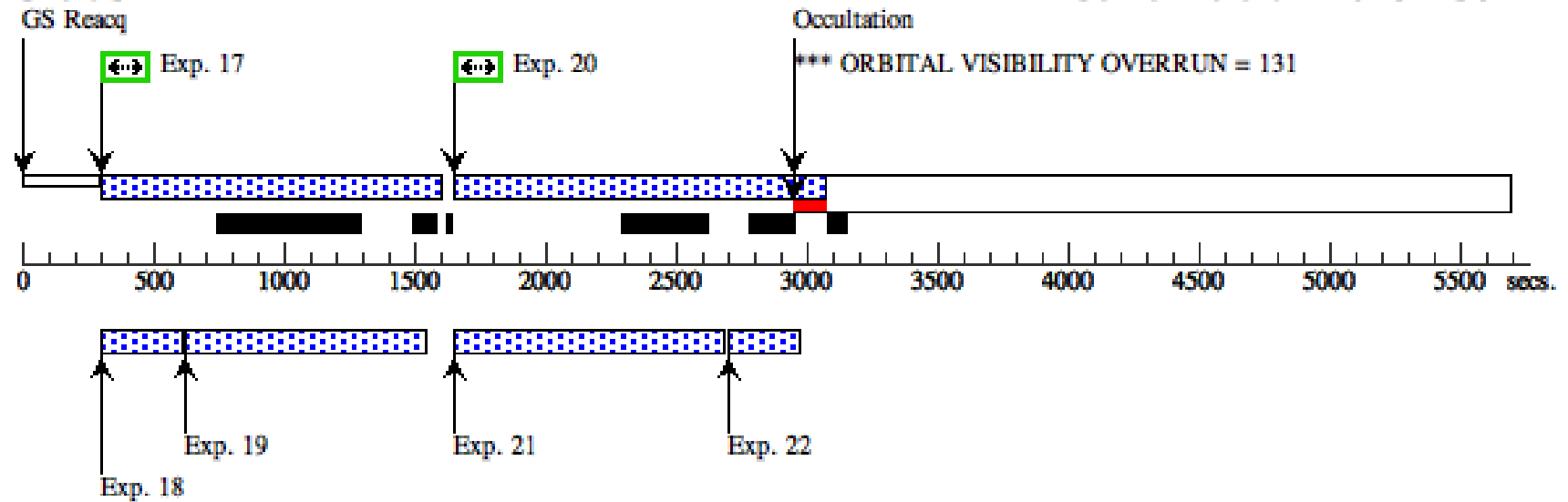
Orbit 2

Server Version: 20181130



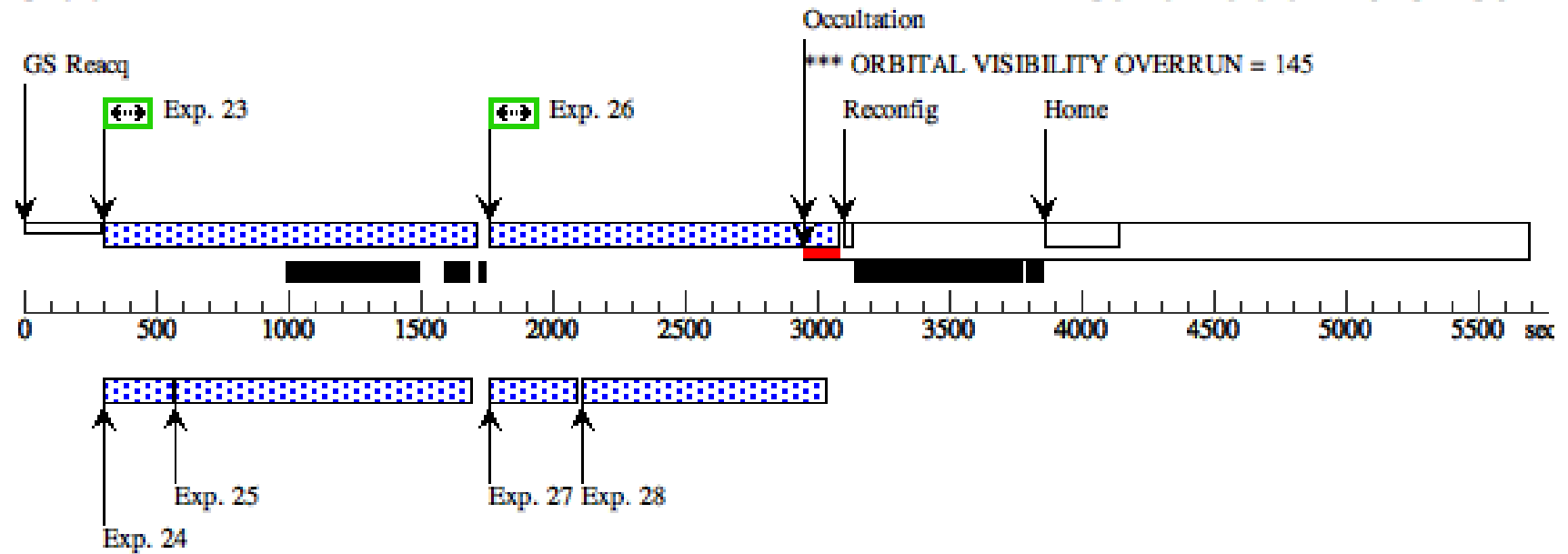
Orbit 3

Server Version: 20181130



Orbit 4

Server Version: 20181130



Proposal 15163 - J0454-611(35) - 4 orbits - G160M - BaseOrient (K2) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J0454-611(35) - 4 orbits - G160M - BaseOrient (K2), failed Tue Feb 26 23:04:24 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV Special Requirements: SCHED 100%; ORIENT 104.2D TO 76 D <i>Comments: See comment in K1</i>				
Diagnostics	(J0454-611(35) - 4 orbits - G160M - BaseOrient (K2)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details.				
	(J0454-611(35) - 4 orbits - G160M - BaseOrient (K2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(J0454-611(35) - 4 orbits - G160M - BaseOrient (K2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(J0454-611(35) - 4 orbits - G160M - BaseOrient (K2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(J0454-611(35) - 4 orbits - G160M - BaseOrient (K2)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(11)	J045415.95-611626.6	RA: 04 54 15.9500 (73.5664583d)	Redshift: 0.784	V=16.1
			Dec: -61 16 26.56 (-61.27404d)		fuv=16.89 nuv=16.16
			Equinox: J2000		
	<i>Comments:</i> Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO				

Proposal 15163 - J0454-611(35) - 4 orbits - G160M - BaseOrient (K2) - COS Ultraviolet Baryon Survey (CUBS)

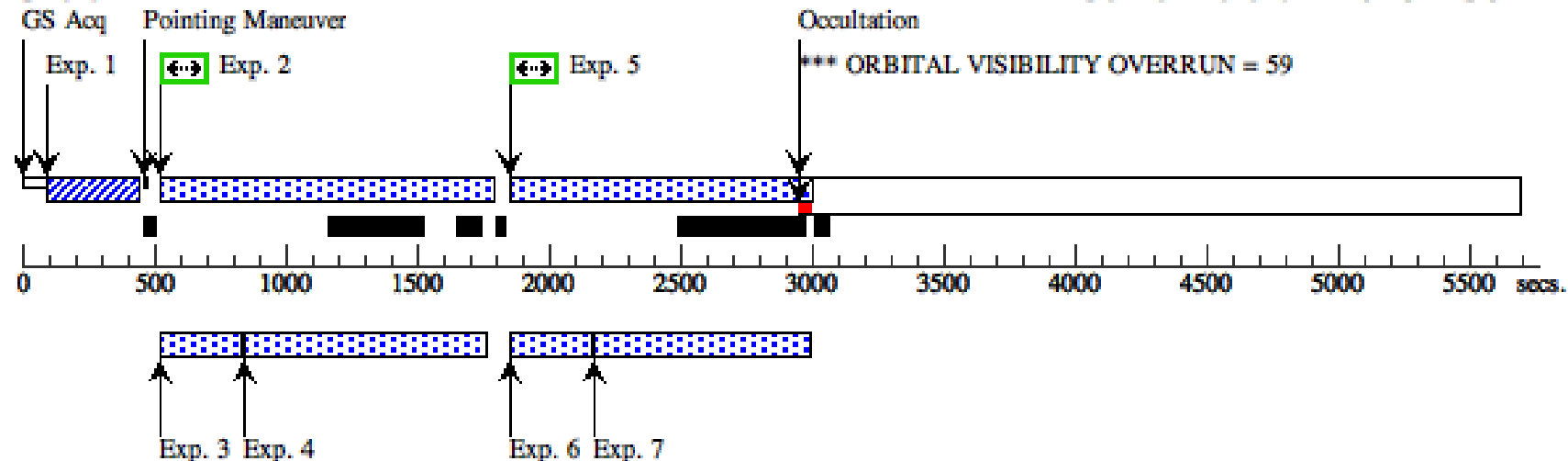
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9407)	(11) J045415.95-611 626.6	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				29 Secs (29 Secs) [==>]	[1]
	2	C1589/FP1 (COS.sp.101 2114)	(11) J045415.95-611 626.6	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=1; BUFFER-TIME=94 0		Prime + Parallel Gro up 2-4 in J0454-611(35) - 4 orbits - G160 M - BaseOrient (K2)	1057 Secs (1057 Secs) [==>]	[1]
	3	F110-12-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=12; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-4 in J0454-611(35) - 4 orbits - G160 M - BaseOrient (K2)	277.937956 Secs (277.938 Secs) [==>]	[1]
	4	G102-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=10; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-4 in J0454-611(35) - 4 orbits - G160 M - BaseOrient (K2)	902.935198 Secs (902.935 Secs) [==>]	[1]
	5	C1589/FP3 (COS.sp.101 2114)	(11) J045415.95-611 626.6	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=3; BUFFER-TIME=25 00		Prime + Parallel Gro up 5-7 in J0454-611(35) - 4 orbits - G160 M - BaseOrient (K2)	1099 Secs (1099 Secs) [==>]	[1]
	6	F110-12-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=12; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 5-7 in J0454-611(35) - 4 orbits - G160 M - BaseOrient (K2)	277.937956 Secs (277.938 Secs) [==>]	[1]
	7	G102-9-S10 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=9; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 5-7 in J0454-611(35) - 4 orbits - G160 M - BaseOrient (K2)	802.934875 Secs (802.935 Secs) [==>]	[1]
	8	C1577/FP1 (COS.sp.101 2114)	(11) J045415.95-611 626.6	COS/FUV, TIME-TAG, PSA	G160M 1577 A	FP-POS=1; BUFFER-TIME=25 00		Prime + Parallel Gro up 8-12 in J0454-611 (35) - 4 orbits - G160 M - BaseOrient (K2)	2654 Secs (2654 Secs) [==>]	[2]
	9	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 8-12 in J0454-611 (35) - 4 orbits - G160 M - BaseOrient (K2)	302.938471 Secs (302.938 Secs) [==>]	[2]
	10	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 8-12 in J0454-611 (35) - 4 orbits - G160 M - BaseOrient (K2)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	11	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 8-12 in J0454-611 (35) - 4 orbits - G160 M - BaseOrient (K2)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	12	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 8-12 in J0454-611 (35) - 4 orbits - G160 M - BaseOrient (K2)	302.938471 Secs (302.938 Secs) [==>]	[2]
	13	C1577/FP3 (COS.sp.101 2114)	(11) J045415.95-611 626.6	COS/FUV, TIME-TAG, PSA	G160M 1577 A	FP-POS=3; BUFFER-TIME=11 60		Prime + Parallel Gro up 13-15 in J0454-61 1(35) - 4 orbits - G16 0M - BaseOrient (K 2)	1288 Secs (1288 Secs) [==>]	[3]
	14	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 13-15 in J0454-61 1(35) - 4 orbits - G16 0M - BaseOrient (K 2)	252.937441 Secs (252.937 Secs) [==>]	[3]

Proposal 15163 - J0454-611(35) - 4 orbits - G160M - BaseOrient (K2) - COS Ultraviolet Baryon Survey (CUBS)

15	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 13-15 in J0454-61 1(35) - 4 orbits - G16 0M - BaseOrient (K 2)	1002.935521 Secs (1002.936 Secs) [==>]	[3]
16	C1611/FP1 (COS.sp.101 626.6 2117)	(11) J045415.95-611	COS/FUV, TIME-TAG, PSA	G160M 1611 A	FP-POS=1; BUFFER-TIME=25 00	Prime + Parallel Gro up 16-18 in J0454-61 1(35) - 4 orbits - G16 0M - BaseOrient (K 2)	1255 Secs (1255 Secs) [==>]	[3]
17	F110-11-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=11; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 16-18 in J0454-61 1(35) - 4 orbits - G16 0M - BaseOrient (K 2)	252.937441 Secs (252.937 Secs) [==>]	[3]
18	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 16-18 in J0454-61 1(35) - 4 orbits - G16 0M - BaseOrient (K 2)	1002.935521 Secs (1002.936 Secs) [==>]	[3]
19	C1611/FP3 (COS.sp.101 626.6 2117)	(11) J045415.95-611	COS/FUV, TIME-TAG, PSA	G160M 1611 A	FP-POS=3; BUFFER-TIME=25 00	Prime + Parallel Gro up 19-23 in J0454-61 1(35) - 4 orbits - G16 0M - BaseOrient (K 2)	2727 Secs (2727 Secs) [==>]	[4]
20	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 19-23 in J0454-61 1(35) - 4 orbits - G16 0M - BaseOrient (K 2)	302.938471 Secs (302.938 Secs) [==>]	[4]
21	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 19-23 in J0454-61 1(35) - 4 orbits - G16 0M - BaseOrient (K 2)	1002.935521 Secs (1002.936 Secs) [==>]	[4]
22	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 19-23 in J0454-61 1(35) - 4 orbits - G16 0M - BaseOrient (K 2)	1002.935521 Secs (1002.936 Secs) [==>]	[4]
23	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 19-23 in J0454-61 1(35) - 4 orbits - G16 0M - BaseOrient (K 2)	302.938471 Secs (302.938 Secs) [==>]	[4]

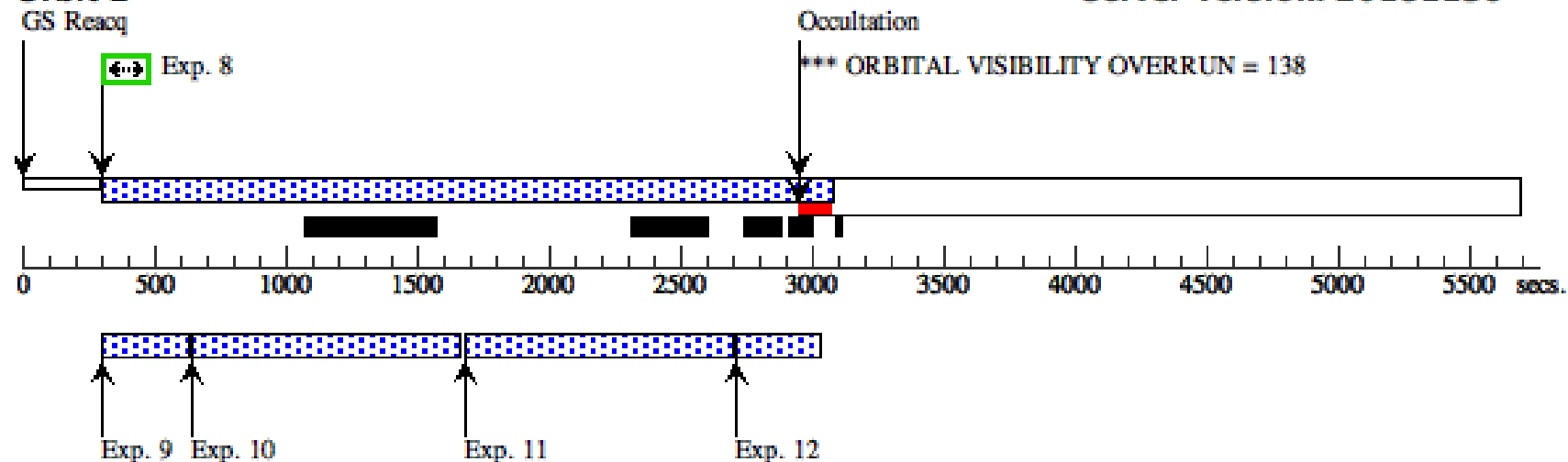
Orbit 1

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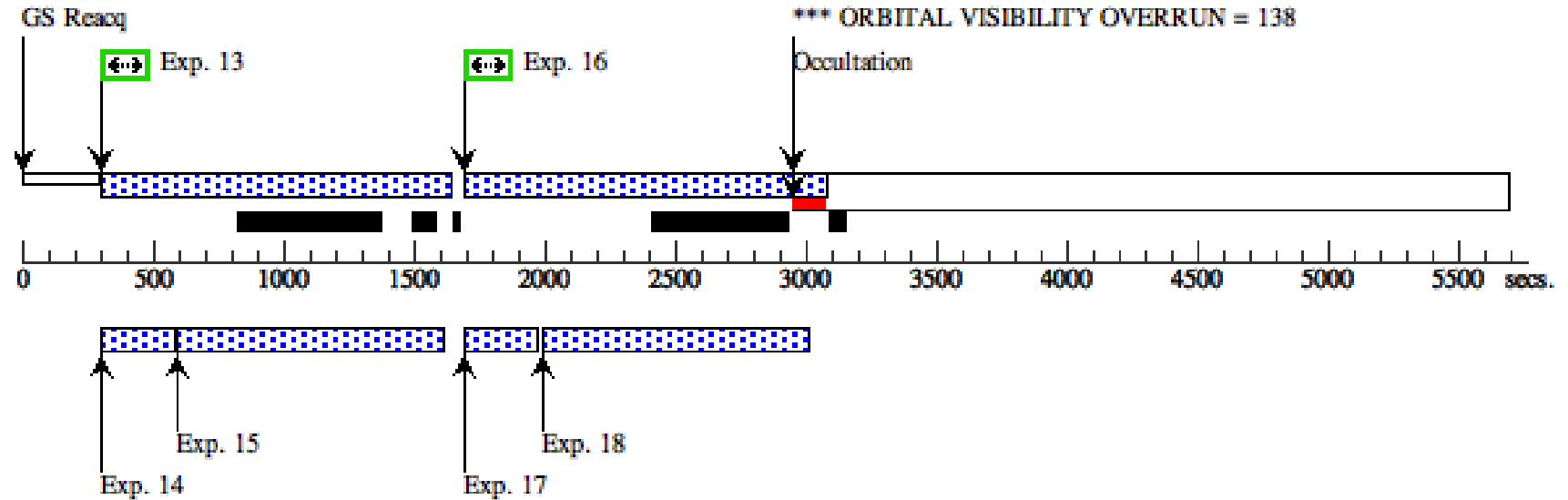
Orbit 2

Server Version: 20181130



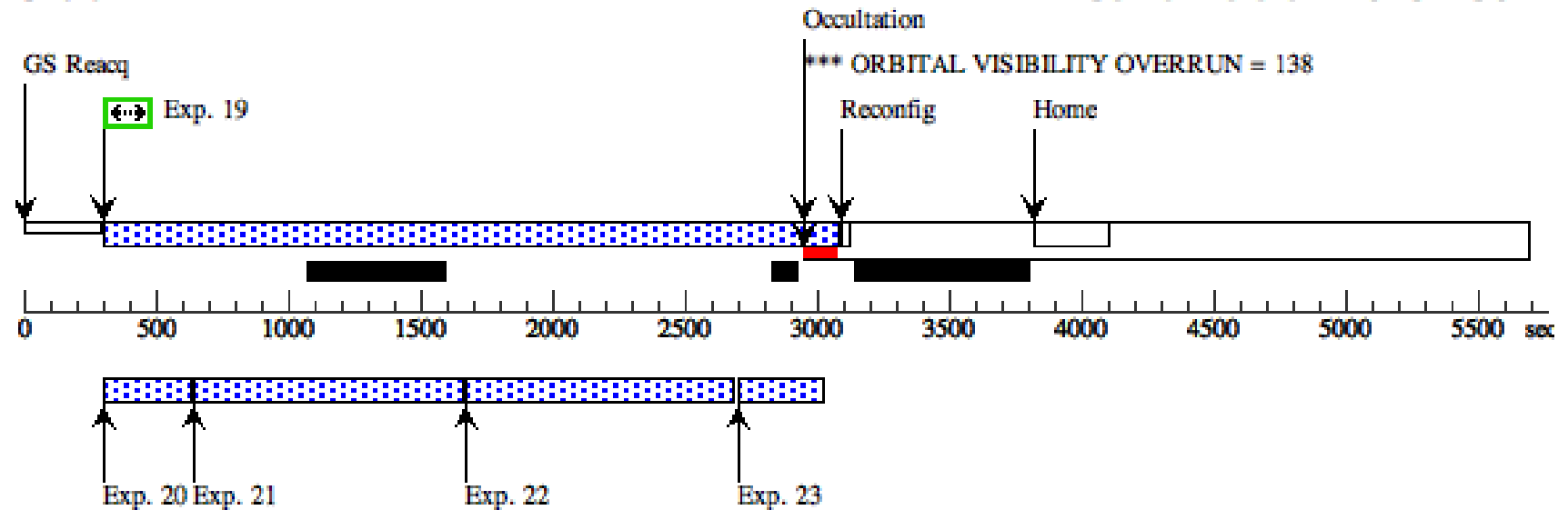
Orbit 3

Server Version: 20181130



Orbit 4

Server Version: 20181130



Proposal 15163 - J0454-611(35) - 3 orbits - G130M+G160M - BaseOrient (K3) - COS Ultraviolet Baryon Survey (CUBS)

Visit	Proposal 15163, J0454-611(35) - 3 orbits - G130M+G160M - BaseOrient (K3), completed Tue Feb 26 23:04:24 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV Special Requirements: SCHED 100%; ORIENT 104.2D TO 76 D <i>Comments: See comment in K1</i>				
Diagnostics	(J0454-611(35) - 3 orbits - G130M+G160M - BaseOrient (K3)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (J0454-611(35) - 3 orbits - G130M+G160M - BaseOrient (K3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J0454-611(35) - 3 orbits - G130M+G160M - BaseOrient (K3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J0454-611(35) - 3 orbits - G130M+G160M - BaseOrient (K3)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(11)	J045415.95-611626.6	RA: 04 54 15.9500 (73.5664583d) Dec: -61 16 26.56 (-61.27404d) Equinox: J2000	Redshift: 0.784	V=16.1 fuv=16.89 nuv=16.16
Fixed Targets	<i>Comments:</i> Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO				

Proposal 15163 - J0454-611(35) - 3 orbits - G130M+G160M - BaseOrient (K3) - COS Ultraviolet Baryon Survey (CUBS)

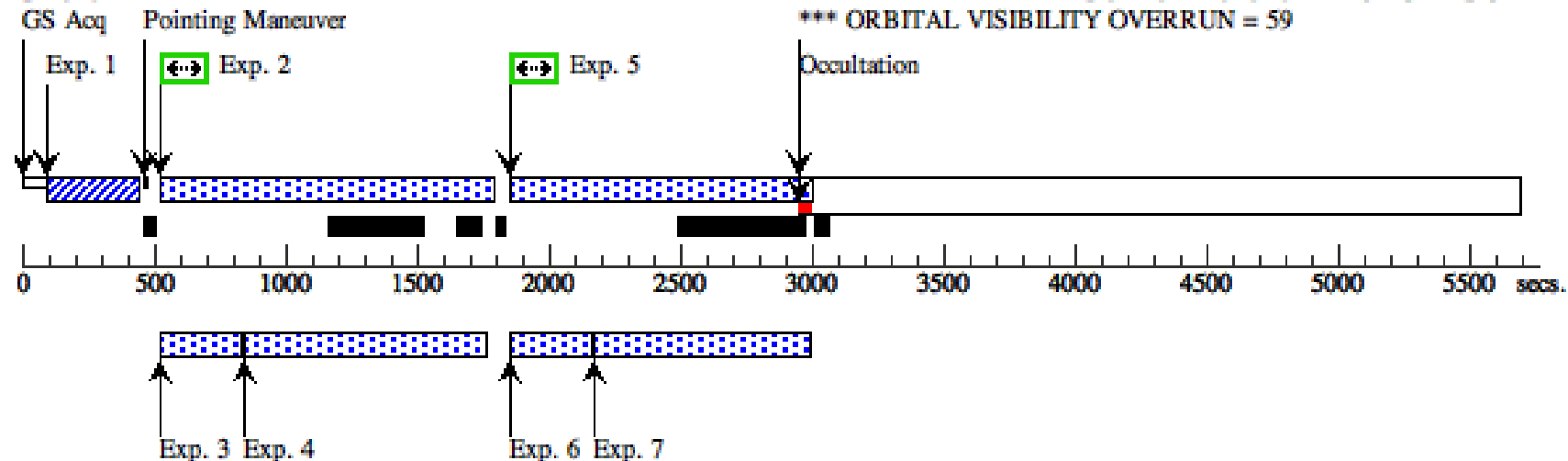
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9407)	(11) J045415.95-611 626.6	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				29 Secs (29 Secs) [==>]	[1]
	2	C1589/FP3 (COS.sp.101 2114)	(11) J045415.95-611 626.6	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=3; BUFFER-TIME=94 0		Prime + Parallel Gro up 2-4 in J0454-611(35) - 3 orbits - G130 M+G160M - BaseO rient (K3)	1057 Secs (1057 Secs) [==>]	[1]
	3	F110-12-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=12; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-4 in J0454-611(35) - 3 orbits - G130 M+G160M - BaseO rient (K3)	277.937956 Secs (277.938 Secs) [==>]	[1]
	4	G102-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=10; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-4 in J0454-611(35) - 3 orbits - G130 M+G160M - BaseO rient (K3)	902.935198 Secs (902.935 Secs) [==>]	[1]
	5	C1589/FP4 (COS.sp.101 2114)	(11) J045415.95-611 626.6	COS/FUV, TIME-TAG, PSA	G160M 1589 A	FP-POS=4; BUFFER-TIME=25 00		Prime + Parallel Gro up 5-7 in J0454-611(35) - 3 orbits - G130 M+G160M - BaseO rient (K3)	1099 Secs (1099 Secs) [==>]	[1]
	6	F110-12-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=12; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 5-7 in J0454-611(35) - 3 orbits - G130 M+G160M - BaseO rient (K3)	277.937956 Secs (277.938 Secs) [==>]	[1]
	7	G102-9-S10 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=9; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 5-7 in J0454-611(35) - 3 orbits - G130 M+G160M - BaseO rient (K3)	802.934875 Secs (802.935 Secs) [==>]	[1]
	8	C1611/FP3 (COS.sp.101 2117)	(11) J045415.95-611 626.6	COS/FUV, TIME-TAG, PSA	G160M 1611 A	FP-POS=3; BUFFER-TIME=25 00		Prime + Parallel Gro up 8-12 in J0454-611(35) - 3 orbits - G130 M+G160M - BaseO rient (K3)	2652 Secs (2652 Secs) [==>]	[2]
	9	F110-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 8-12 in J0454-611(35) - 3 orbits - G130 M+G160M - BaseO rient (K3)	302.938471 Secs (302.938 Secs) [==>]	[2]
	10	G102-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 8-12 in J0454-611(35) - 3 orbits - G130 M+G160M - BaseO rient (K3)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	11	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 8-12 in J0454-611(35) - 3 orbits - G130 M+G160M - BaseO rient (K3)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	12	F160-13-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=13; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 8-12 in J0454-611(35) - 3 orbits - G130 M+G160M - BaseO rient (K3)	302.938471 Secs (302.938 Secs) [==>]	[2]

Proposal 15163 - J0454-611(35) - 3 orbits - G130M+G160M - BaseOrient (K3) - COS Ultraviolet Baryon Survey (CUBS)

13	C1291/FP4 (COS.sp.101 626.6 2109)	(11) J045415.95-611	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=99 7	Prime + Parallel Gro up 13-15 in J0454-61 1(35) - 3 orbits - G13 0M+G160M - Base Orient (K3)	1097 Secs (1097 Secs) [==>]	[3]
14	F110-12-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F110W	NSAMP=12; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 13-15 in J0454-61 1(35) - 3 orbits - G13 0M+G160M - Base Orient (K3)	277.937956 Secs (277.938 Secs) [==>]	[3]
15	G102-10-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G102	NSAMP=10; SAMP-SEQ=SPAR S100	Prime + Parallel Gro up 13-15 in J0454-61 1(35) - 3 orbits - G13 0M+G160M - Base Orient (K3)	902.935198 Secs (902.935 Secs) [==>]	[3]
16	C1222/FP1 (COS.sp.101 626.6 3001)	(11) J045415.95-611	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=1; BUFFER-TIME=50 0	Prime + Parallel Gro up 16-18 in J0454-61 1(35) - 3 orbits - G13 0M+G160M - Base Orient (K3)	601 Secs (601 Secs) [==>]	[3]
17	F160-14-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 16-18 in J0454-61 1(35) - 3 orbits - G13 0M+G160M - Base Orient (K3)	327.938986 Secs (327.939 Secs) [==>]	[3]
18	F160-14-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=14; SAMP-SEQ=SPAR S25	Prime + Parallel Gro up 16-18 in J0454-61 1(35) - 3 orbits - G13 0M+G160M - Base Orient (K3)	327.938986 Secs (327.939 Secs) [==>]	[3]
19	C1222/FP2 (COS.sp.101 626.6 3001)	(11) J045415.95-611	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=2; BUFFER-TIME=50 1	Prime + Parallel Gro up 19-20 in J0454-61 1(35) - 3 orbits - G13 0M+G160M - Base Orient (K3)	601 Secs (601 Secs) [==>]	[3]
20	G141-13-S5 0	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=13; SAMP-SEQ=SPAR S50	Prime + Parallel Gro up 19-20 in J0454-61 1(35) - 3 orbits - G13 0M+G160M - Base Orient (K3)	602.937703 Secs (602.938 Secs) [==>]	[3]

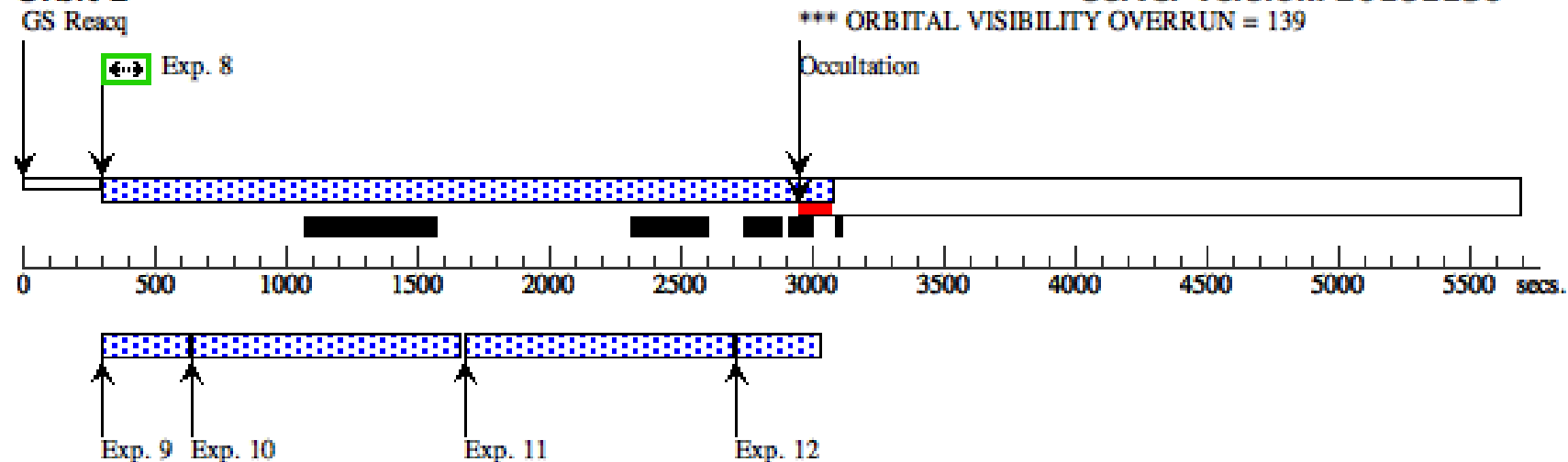
Orbit 1

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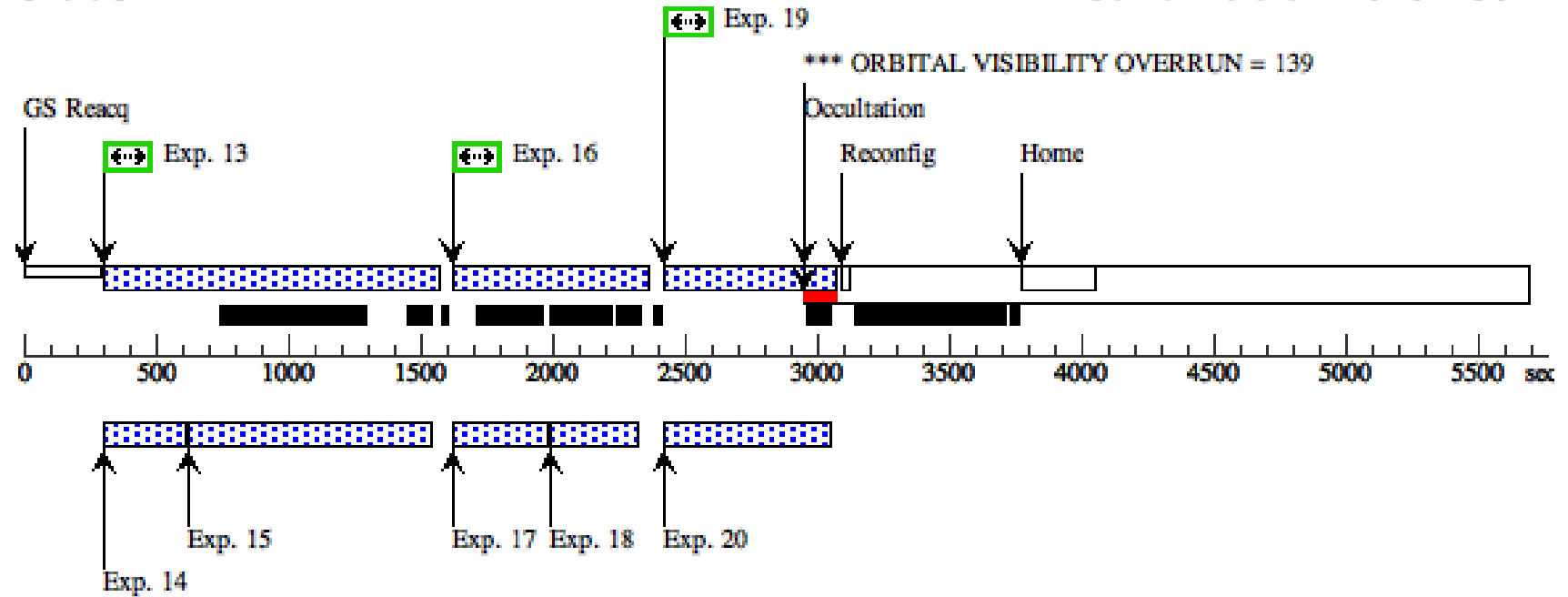
Orbit 2

Server Version: 20181130



Orbit 3

Server Version: 20181130



Proposal 15163 - J0454-611(35) - 2 orbits - G130M+G160M - BaseOrient (K4) - COS Ultraviolet Baryon Survey (CUBS)

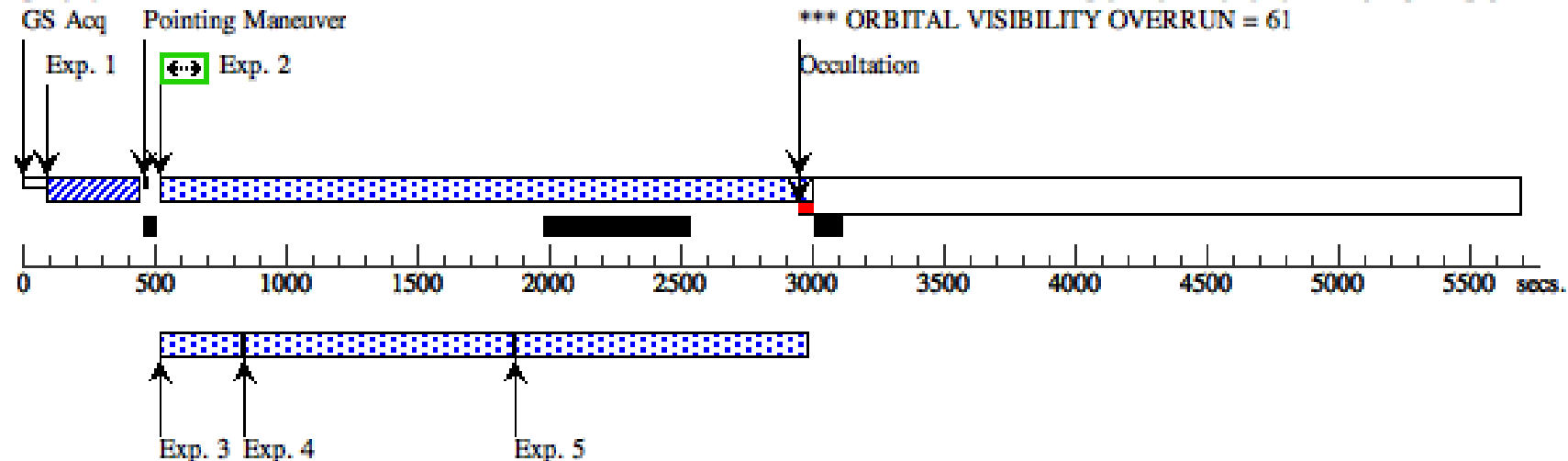
Visit	Proposal 15163, J0454-611(35) - 2 orbits - G130M+G160M - BaseOrient (K4), completed Tue Feb 26 23:04:24 GMT 2019				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, COS/FUV, COS/NUV Special Requirements: SCHED 100%; ORIENT 104.2D TO 76 D <i>Comments: See comment in K1</i>				
Diagnostics	(J0454-611(35) - 2 orbits - G130M+G160M - BaseOrient (K4)) Warning (Form): For the best data quality, it is strongly recommended that the maximum number of allowed FP-POS positions is used when observing at a given COS CENWAVE setting. See full description for details. (J0454-611(35) - 2 orbits - G130M+G160M - BaseOrient (K4)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (J0454-611(35) - 2 orbits - G130M+G160M - BaseOrient (K4)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(11)	J045415.95-611626.6	RA: 04 54 15.9500 (73.5664583d) Dec: -61 16 26.56 (-61.27404d) Equinox: J2000	Redshift: 0.784	V=16.1 fuv=16.89 nuv=16.16
Fixed Targets	<i>Comments:</i> Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC, DARK CLOUD, FILAMENT, HALO, IGM] Extended=NO				

Proposal 15163 - J0454-611(35) - 2 orbits - G130M+G160M - BaseOrient (K4) - COS Ultraviolet Baryon Survey (CUBS)

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IMAG E (COS.sp.100 9407)	(11) J045415.95-611 626.6	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				29 Secs (29 Secs) [==>]	[1]
	2	C1577/FP3 (COS.sp.101 2114)	(11) J045415.95-611 626.6	COS/FUV, TIME-TAG, PSA	G160M 1577 A	FP-POS=4; BUFFER-TIME=25 00		Prime + Parallel Gro up 2-5 in J0454-611(35) - 2 orbits - G130 M+G160M - BaseO rient (K4)	2275 Secs (2275 Secs) [==>]	[1]
	3	F160-12-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=12; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 2-5 in J0454-611(35) - 2 orbits - G130 M+G160M - BaseO rient (K4)	277.937956 Secs (277.938 Secs) [==>]	[1]
	4	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0454-611(35) - 2 orbits - G130 M+G160M - BaseO rient (K4)	1002.935521 Secs (1002.936 Secs) [==>]	[1]
	5	G141-12-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=12; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 2-5 in J0454-611(35) - 2 orbits - G130 M+G160M - BaseO rient (K4)	1102.935844 Secs (1102.936 Secs) [==>]	[1]
	6	C1577/FP4 (COS.sp.101 2114)	(11) J045415.95-611 626.6	COS/FUV, TIME-TAG, PSA	G160M 1577 A	FP-POS=4; BUFFER-TIME=11 60		Prime + Parallel Gro up 6-8 in J0454-611(35) - 2 orbits - G130 M+G160M - BaseO rient (K4)	1288 Secs (1288 Secs) [==>]	[2]
	7	F160-12-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=12; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 6-8 in J0454-611(35) - 2 orbits - G130 M+G160M - BaseO rient (K4)	277.937956 Secs (277.938 Secs) [==>]	[2]
	8	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 6-8 in J0454-611(35) - 2 orbits - G130 M+G160M - BaseO rient (K4)	1002.935521 Secs (1002.936 Secs) [==>]	[2]
	9	C1611/FP1 (COS.sp.101 2117)	(11) J045415.95-611 626.6	COS/FUV, TIME-TAG, PSA	G160M 1611 A	FP-POS=1; BUFFER-TIME=25 00		Prime + Parallel Gro up 9-11 in J0454-611 (35) - 2 orbits - G130 M+G160M - BaseO rient (K4)	1259 Secs (1259 Secs) [==>]	[2]
	10	F160-12-S2 5	ANY	WFC3/IR, MULTIACCUM, GRISM1024	F160W	NSAMP=12; SAMP-SEQ=SPAR S25		Prime + Parallel Gro up 9-11 in J0454-611 (35) - 2 orbits - G130 M+G160M - BaseO rient (K4)	277.937956 Secs (277.938 Secs) [==>]	[2]
	11	G141-11-S1 00	ANY	WFC3/IR, MULTIACCUM, GRISM1024	G141	NSAMP=11; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 9-11 in J0454-611 (35) - 2 orbits - G130 M+G160M - BaseO rient (K4)	1002.935521 Secs (1002.936 Secs) [==>]	[2]

Orbit 1

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Orbit 2

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