



17143 - Identification of dual quasars with close separations at $z > 1$

Cycle: 30, Proposal Category: GO

(Availability Mode: SUPPORTED)

INVESTIGATORS

| <i>Name</i> | <i>Institution</i> |
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| <i>Name</i> | <i>Institution</i> |
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VISITS

| <i>Visit</i> | <i>Targets used in Visit</i> | <i>Configurations used in Visit</i> | <i>Orbits Used</i> | <i>Last Orbit Planner Run</i> | <i>OP Current with Visit?</i> |
|--------------|------------------------------|-------------------------------------|--------------------|-------------------------------|-------------------------------|
| 01 | (1) SDSSJ0224+0149 | WFC3/IR | 1 | 17-Jun-2024 08:00:21.0 | yes |
| 02 | (2) SDSSJ0229-0514 | WFC3/IR | 1 | 17-Jun-2024 08:00:22.0 | yes |
| 62 | (2) SDSSJ0229-0514 | WFC3/IR | 1 | 17-Jun-2024 08:00:23.0 | yes |
| 03 | (3) SDSSJ0925-0208 | WFC3/IR | 1 | 17-Jun-2024 08:00:24.0 | yes |
| 04 | (4) SDSSJ0952-0004 | WFC3/IR | 1 | 17-Jun-2024 08:00:25.0 | yes |
| 64 | (4) SDSSJ0952-0004 | WFC3/IR | 1 | 17-Jun-2024 08:00:25.0 | yes |
| 05 | (5) SDSSJ1054+0433 | WFC3/IR | 2 | 17-Jun-2024 08:00:26.0 | yes |
| 06 | (6) SDSSJ1221-0041 | WFC3/IR | 1 | 17-Jun-2024 08:00:27.0 | yes |
| 07 | (7) SDSSJ1246-0017 | WFC3/IR | 1 | 17-Jun-2024 08:00:28.0 | yes |
| 08 | (8) SDSSJ1502+0257 | WFC3/IR | 1 | 17-Jun-2024 08:00:29.0 | yes |
| 09 | (9) SDSSJ1625+4309 | WFC3/IR | 1 | 17-Jun-2024 08:00:29.0 | yes |
| 10 | (10) SDSSJ2206+0030 | WFC3/IR | 1 | 17-Jun-2024 08:00:30.0 | yes |
| 11 | (11) SDSSJ2304-0038 | WFC3/IR | 1 | 17-Jun-2024 08:00:31.0 | yes |

14 Total Orbits Used

ABSTRACT

We propose to use HST/WFC3 in slitless grism mode to spectroscopically confirm the nature of eleven dual quasar candidates with projected separation between 0.35"-0.7" (corresponding to a projected separation of 3-6 kpc), an extremely rare population (11 out of 59,025 quasars from a search area of 500 square degrees). With the exquisite wide and deep imaging from the Hyper Suprime-Cam Subaru Strategic Program, we have identified a population of 386 SDSS quasars as having two bright and separate components that are candidates for dual supermassive black holes,

many of which are within the same host galaxy, likely the result of a major merger. For eleven candidates that have the closest separation at $z > 1$, HST is needed to spectroscopically confirm their nature and their redshift by detection of broad emission lines from both objects. The high sensitivity of HST would further help us to rule out the possibility of lensing. Any confirmed physical quasar pair from our candidates would be the first case ever confirmed that has a projected separation below 6 kpc beyond $z > 1$. This sample will be the key to understanding the merger process and how it affects galaxy evolution and AGN activity, since they are at close to final coalescence stage. Furthermore, this program will provide remarkable laboratories for studying the fueling of dual supermassive black holes with ALMA study. Moreover, taken together with the wider separation dual quasars confirmed by ground-based observations, we will measure the dual quasar fraction and its evolution up to $z \sim 3$. The results will be compared with the predictions from recent hydrodynamic cosmological simulations.

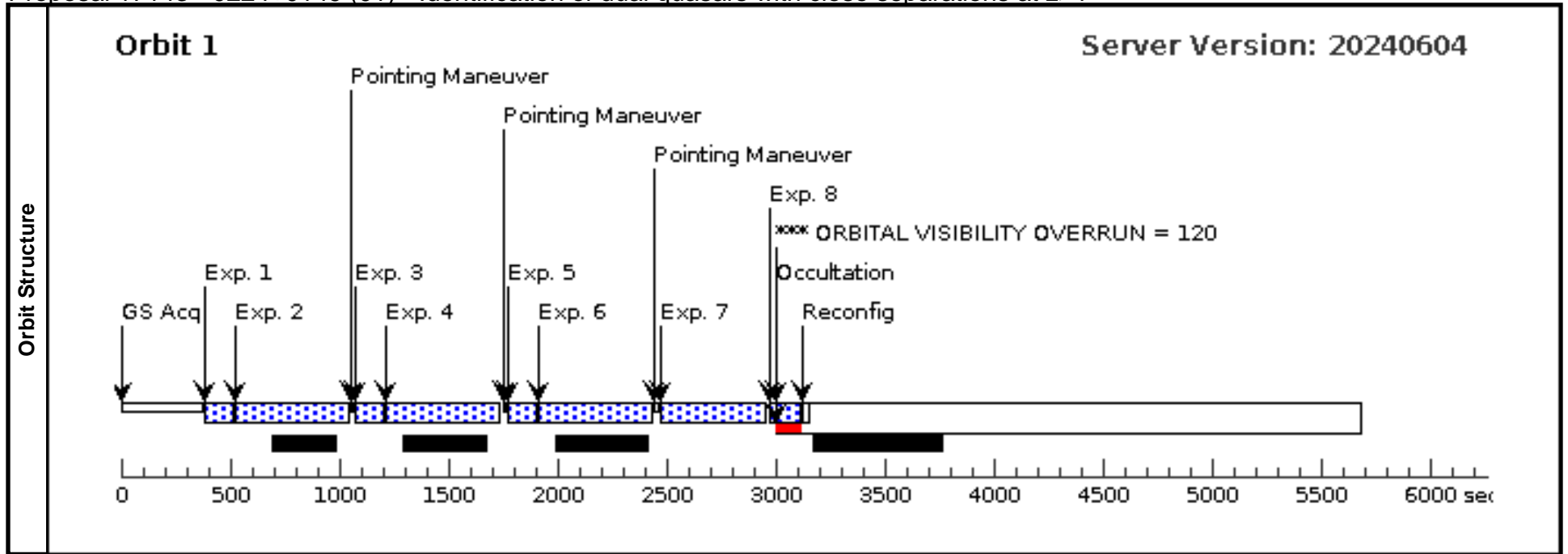
OBSERVING DESCRIPTION

In this program, we use in total 12 orbits of WFC3/IR (G141 or G102) to confirm the nature of 11 dual AGN candidates. We plan to use the same procedure as used in GLASS, 3D HST, and the GO-13732 program: we first take a short exposure for F105W/F140W, and then a longer grism exposure for G102/G141. The sub-pixel pattern dither is adopted to obtain better spatial resolution in data reduction. The direction of the grism dispersion is taken to be perpendicular as much as possible to the duals to resolve their light.

Proposal 17143 - 0224+0149 (01) - Identification of dual quasars with close separations at $z > 1$

Mon Jun 17 12:00:32 GMT 2024

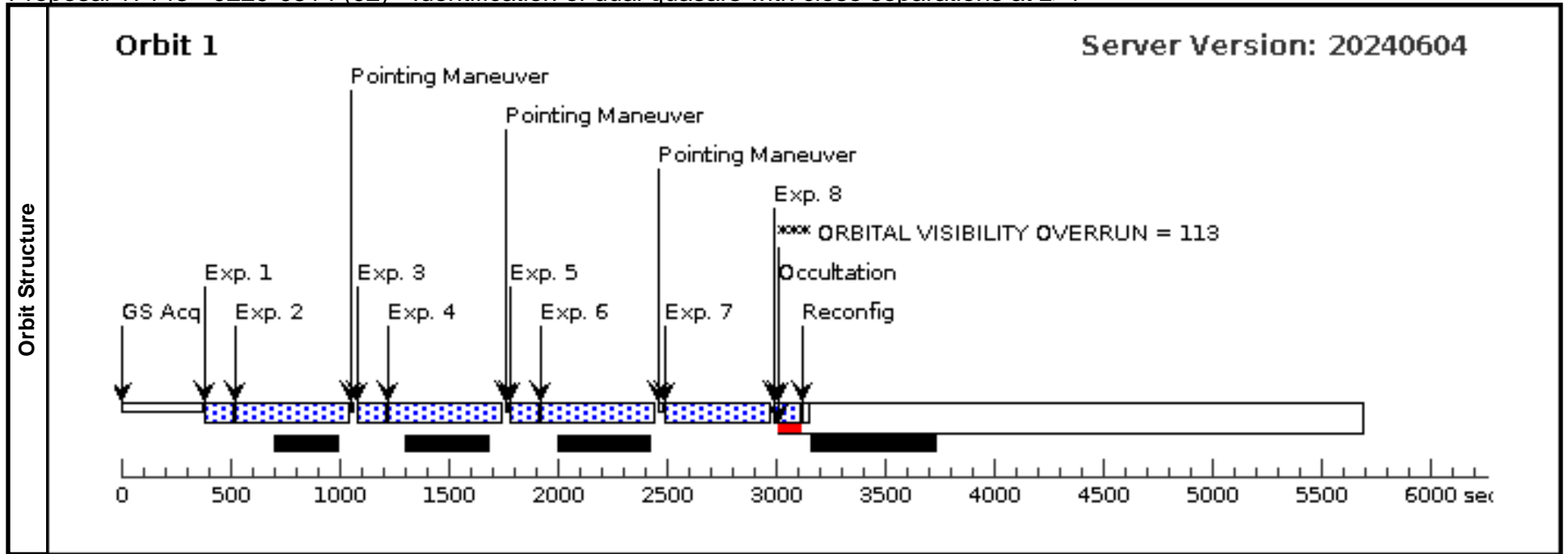
| Visit | Proposal 17143, 0224+0149 (01), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: ORIENT 251D TO 251 D | | | | | | | | | |
|---------------|--|---|--------------------|--|--------------------------|-------------------------------|------------------------|--|---|-------|
| | Diagnostics | (0224+0149 (01)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (0224+0149 (01)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (0224+0149 (01)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (0224+0149 (01)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE | | | | | | | | |
| Fixed Targets | | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | |
| | | (1) | SDSSJ0224+0149 | RA: 02 24 4.8503 (36.0202096d) Dec: +01 49 41.97 (1.82832d) Equinox: J2000 | Redshift: 2.72 | V=18.6 | Reference Frame: ICRS | | | |
| | <i>Comments:</i> Category=GALAXY Description=[OSO, QUASAR] | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | F105W | (1) SDSSJ0224+0149 | WFC3/IR, MULTIACCUM, GRISM1024 | F105W | NSAMP=8; SAMP-SEQ=STEP25 | | Sequence 1-2 Non-Int in 0224+0149 (01) | 99.231256 Secs (99.231 Secs) [==>] | [1] |
| | 2 | G102 | (1) SDSSJ0224+0149 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=11; SAMP-SEQ=SPARS50 | | Sequence 1-2 Non-Int in 0224+0149 (01) | 502.936801 Secs (502.937 Secs) [==>] | [1] |
| | 3 | F105W Dither1 | (1) SDSSJ0224+0149 | WFC3/IR, MULTIACCUM, GRISM1024 | F105W | NSAMP=8; SAMP-SEQ=STEP25 | POS TARG 1.355,2.85 | Sequence 3-4 Non-Int in 0224+0149 (01) | 99.231256 Secs (99.231 Secs) [==>] | [1] |
| | 4 | G102 Dither1 | (1) SDSSJ0224+0149 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=11; SAMP-SEQ=SPARS50 | SAME POS AS 3 | Sequence 3-4 Non-Int in 0224+0149 (01) | 502.936801 Secs (502.937 Secs) [==>] | [1] |
| | 5 | F105W Dither2 | (1) SDSSJ0224+0149 | WFC3/IR, MULTIACCUM, GRISM1024 | F105W | NSAMP=8; SAMP-SEQ=STEP25 | POS TARG 0.881,6.064 | Sequence 5-6 Non-Int in 0224+0149 (01) | 99.231256 Secs (99.231 Secs) [==>] | [1] |
| | 6 | G102 Dither2 | (1) SDSSJ0224+0149 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=11; SAMP-SEQ=SPARS50 | SAME POS AS 5 | Sequence 5-6 Non-Int in 0224+0149 (01) | 502.936801 Secs (502.937 Secs) [==>] | [1] |
| | 7 | G102 Dither3 | (1) SDSSJ0224+0149 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=10; SAMP-SEQ=SPARS50 | SAME POS AS 8 | Sequence 7-8 Non-Int in 0224+0149 (01) | 452.93635 Secs (452.936 Secs) [==>] | [1] |
| | 8 | F105W Dither3 | (1) SDSSJ0224+0149 | WFC3/IR, MULTIACCUM, GRISM1024 | F105W | NSAMP=9; SAMP-SEQ=STEP25 | POS TARG -0.474,-2.851 | Sequence 7-8 Non-Int in 0224+0149 (01) | 124.231771 Secs (124.232 Secs) [==>] | [1] |



Proposal 17143 - 0229-0514 (02) - Identification of dual quasars with close separations at z>1

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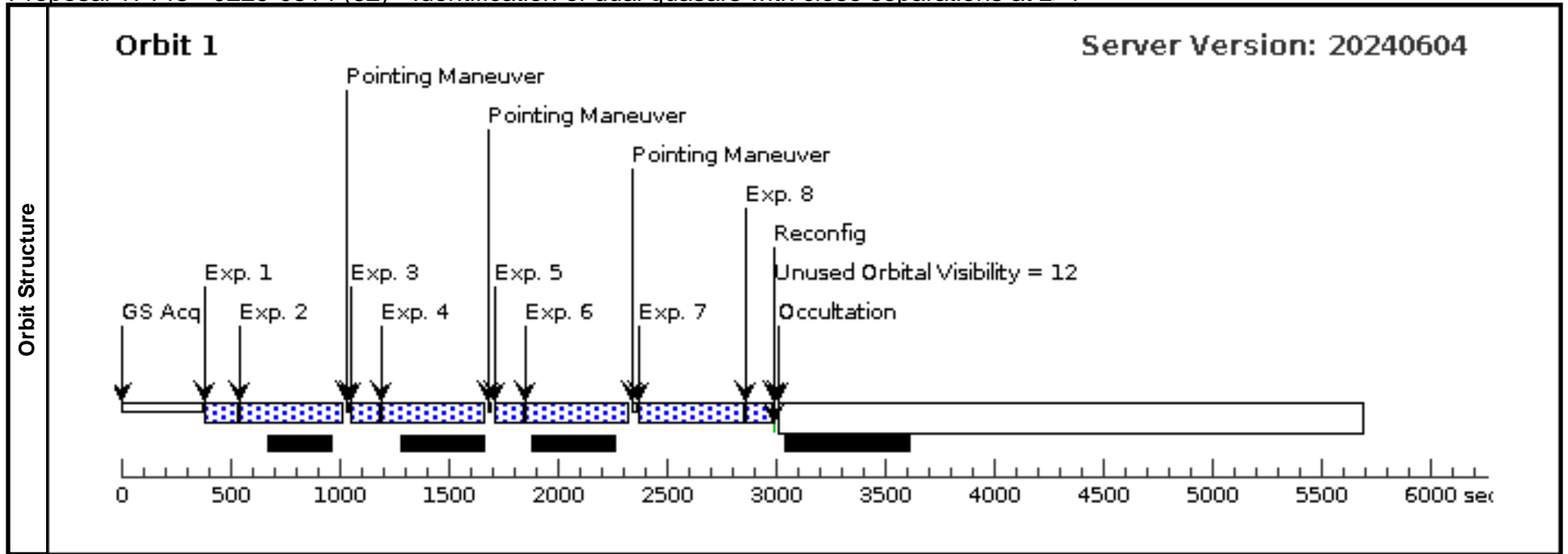
| Visit | Proposal 17143, 0229-0514 (02), failed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: ORIENT 71D TO 71 D | | | | | | | | | |
|---------------|---|---|--------------------|---|--------------------------|-----------------------------------|---|--|---|-------|
| | Diagnostics | (0229-0514 (02)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (0229-0514 (02)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (0229-0514 (02)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (0229-0514 (02)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE | | | | | | | | |
| Fixed Targets | | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | |
| | | (2) | SDSSJ0229-0514 | RA: 02 29 6.0477 (37.2751988d) Dec: -05 14 28.98 (-5.24138d) Equinox: J2000 | Redshift: 3.174 | V=20.5 | Reference Frame: ICRS | | | |
| | <i>Comments:</i> Category=GALAXY Description=[OSO, QUASAR] | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | F140W | (2) SDSSJ0229-0514 | WFC3/IR, MULTIACCUM, GRISM1024 | F140W | NSAMP=8; SAMP-SEQ=STEP2 5 | POS TARG -3.5977 85215900401,-36.13 6305917005174 | Sequence 1-2 Non-Int in 0229-0514 (02) | 99.231256 Secs (99.231 Secs) [==>] | [1] |
| | 2 | G141 | (2) SDSSJ0229-0514 | WFC3/IR, MULTIACCUM, GRISM1024 | G141 | NSAMP=11; SAMP-SEQ=SPAR S50 | POS TARG -3.5977 85215900401,-36.13 6305917005174 | Sequence 1-2 Non-Int in 0229-0514 (02) | 502.936801 Secs (502.937 Secs) [==>] | [1] |
| | 3 | F140W Dither1 | (2) SDSSJ0229-0514 | WFC3/IR, MULTIACCUM, GRISM1024 | F140W | NSAMP=8; SAMP-SEQ=STEP2 5 | POS TARG -2.2427 85215900401,-33.28 630591700517 | Sequence 3-4 Non-Int in 0229-0514 (02) | 99.231256 Secs (99.231 Secs) [==>] | [1] |
| | 4 | G141 Dither1 | (2) SDSSJ0229-0514 | WFC3/IR, MULTIACCUM, GRISM1024 | G141 | NSAMP=11; SAMP-SEQ=SPAR S50 | SAME POS AS 3 | Sequence 3-4 Non-Int in 0229-0514 (02) | 502.936801 Secs (502.937 Secs) [==>] | [1] |
| | 5 | F140W Dither2 | (2) SDSSJ0229-0514 | WFC3/IR, MULTIACCUM, GRISM1024 | F140W | NSAMP=8; SAMP-SEQ=STEP2 5 | POS TARG -2.7167 85215900401,-30.07 2305917005178 | Sequence 5-6 Non-Int in 0229-0514 (02) | 99.231256 Secs (99.231 Secs) [==>] | [1] |
| | 6 | G141 Dither2 | (2) SDSSJ0229-0514 | WFC3/IR, MULTIACCUM, GRISM1024 | G141 | NSAMP=11; SAMP-SEQ=SPAR S50 | SAME POS AS 5 | Sequence 5-6 Non-Int in 0229-0514 (02) | 502.936801 Secs (502.937 Secs) [==>] | [1] |
| | 7 | G141 Dither3 | (2) SDSSJ0229-0514 | WFC3/IR, MULTIACCUM, GRISM1024 | G141 | NSAMP=10; SAMP-SEQ=SPAR S50 | SAME POS AS 8 | Sequence 7-8 Non-Int in 0229-0514 (02) | 452.93635 Secs (452.936 Secs) [==>] | [1] |
| | 8 | F140W Dither3 | (2) SDSSJ0229-0514 | WFC3/IR, MULTIACCUM, GRISM1024 | F140W | NSAMP=8; SAMP-SEQ=STEP2 5 | POS TARG -4.0717 85215900401,-38.98 730591700517 | Sequence 7-8 Non-Int in 0229-0514 (02) | 99.231256 Secs (99.231 Secs) [==>] | [1] |



Proposal 17143 - 0229-0514 (62) - Identification of dual quasars with close separations at z>1

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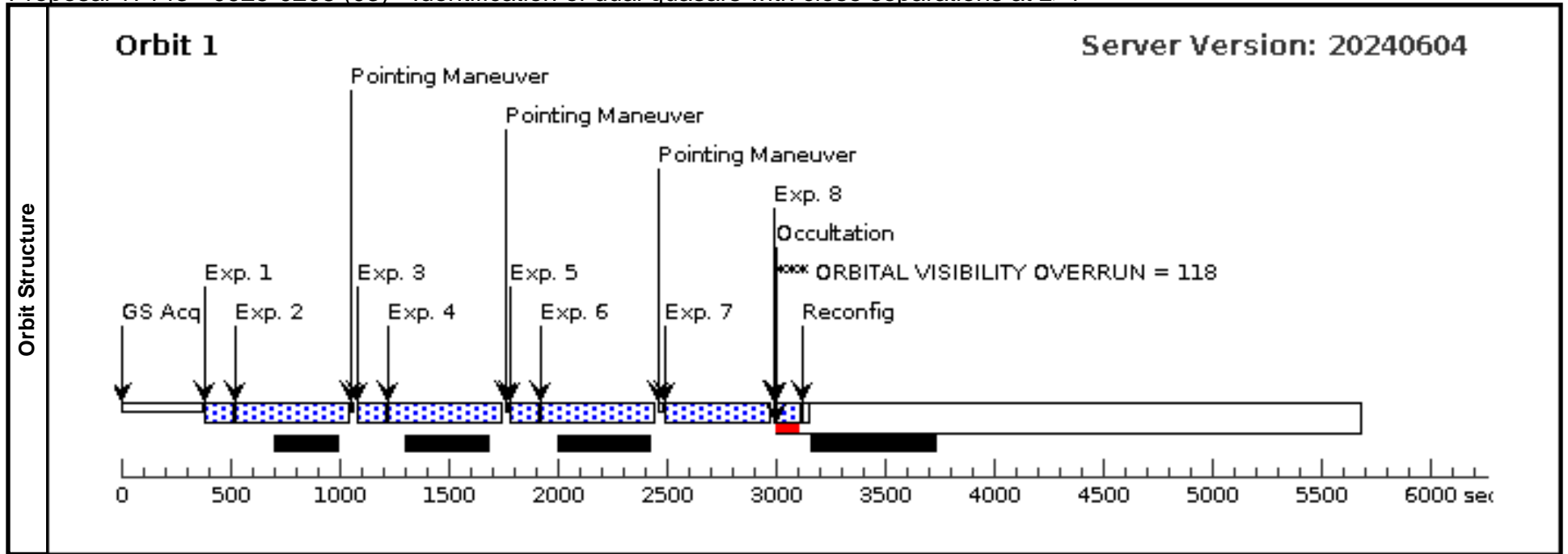
| Visit | Proposal 17143, 0229-0514 (62), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: ORIENT 255D TO 255 D | | | | | | | | | |
|---------------|---|---|--------------------|---|--------------------------|-------------------------------|---|--|---|-------|
| | Diagnostics | (0229-0514 (62)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (0229-0514 (62)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (0229-0514 (62)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE | | | | | | | | |
| Fixed Targets | | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | |
| | | (2) | SDSSJ0229-0514 | RA: 02 29 6.0477 (37.2751988d) Dec: -05 14 28.98 (-5.24138d) Equinox: J2000 | Redshift: 3.174 | V=20.5 | Reference Frame: ICRS | | | |
| | <i>Comments:</i> Category=GALAXY Description=[OSO, QUASAR] | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | F140W | (2) SDSSJ0229-0514 | WFC3/IR, MULTIACCUM, GRISM1024 | F140W | NSAMP=9; SAMP-SEQ=STEP25 | POS TARG -3.5977 85215900401,-36.13 6305917005174 | Sequence 1-2 Non-Int in 0229-0514 (62) | 124.231771 Secs (124.232 Secs) [==>] | [1] |
| | 2 | G141 | (2) SDSSJ0229-0514 | WFC3/IR, MULTIACCUM, GRISM1024 | G141 | NSAMP=10; SAMP-SEQ=SPARS50 | POS TARG -3.5977 85215900401,-36.13 6305917005174 | Sequence 1-2 Non-Int in 0229-0514 (62) | 452.93635 Secs (452.936 Secs) [==>] | [1] |
| | 3 | F140W Dither1 | (2) SDSSJ0229-0514 | WFC3/IR, MULTIACCUM, GRISM1024 | F140W | NSAMP=8; SAMP-SEQ=STEP25 | POS TARG -2.2427 85215900401,-33.28 630591700517 | Sequence 3-4 Non-Int in 0229-0514 (62) | 99.231256 Secs (99.231 Secs) [==>] | [1] |
| | 4 | G141 Dither1 | (2) SDSSJ0229-0514 | WFC3/IR, MULTIACCUM, GRISM1024 | G141 | NSAMP=10; SAMP-SEQ=SPARS50 | SAME POS AS 3 | Sequence 3-4 Non-Int in 0229-0514 (62) | 452.93635 Secs (452.936 Secs) [==>] | [1] |
| | 5 | F140W Dither2 | (2) SDSSJ0229-0514 | WFC3/IR, MULTIACCUM, GRISM1024 | F140W | NSAMP=8; SAMP-SEQ=STEP25 | POS TARG -2.7167 85215900401,-30.07 2305917005178 | Sequence 5-6 Non-Int in 0229-0514 (62) | 99.231256 Secs (99.231 Secs) [==>] | [1] |
| | 6 | G141 Dither2 | (2) SDSSJ0229-0514 | WFC3/IR, MULTIACCUM, GRISM1024 | G141 | NSAMP=10; SAMP-SEQ=SPARS50 | SAME POS AS 5 | Sequence 5-6 Non-Int in 0229-0514 (62) | 452.93635 Secs (452.936 Secs) [==>] | [1] |
| | 7 | G141 Dither3 | (2) SDSSJ0229-0514 | WFC3/IR, MULTIACCUM, GRISM1024 | G141 | NSAMP=10; SAMP-SEQ=SPARS50 | SAME POS AS 8 | Sequence 7-8 Non-Int in 0229-0514 (62) | 452.93635 Secs (452.936 Secs) [==>] | [1] |
| | 8 | F140W Dither3 | (2) SDSSJ0229-0514 | WFC3/IR, MULTIACCUM, GRISM1024 | F140W | NSAMP=8; SAMP-SEQ=STEP25 | POS TARG -4.0717 85215900401,-38.98 730591700517 | Sequence 7-8 Non-Int in 0229-0514 (62) | 99.231256 Secs (99.231 Secs) [==>] | [1] |



Proposal 17143 - 0925-0208 (03) - Identification of dual quasars with close separations at z>1

Mon Jun 17 12:00:32 GMT 2024

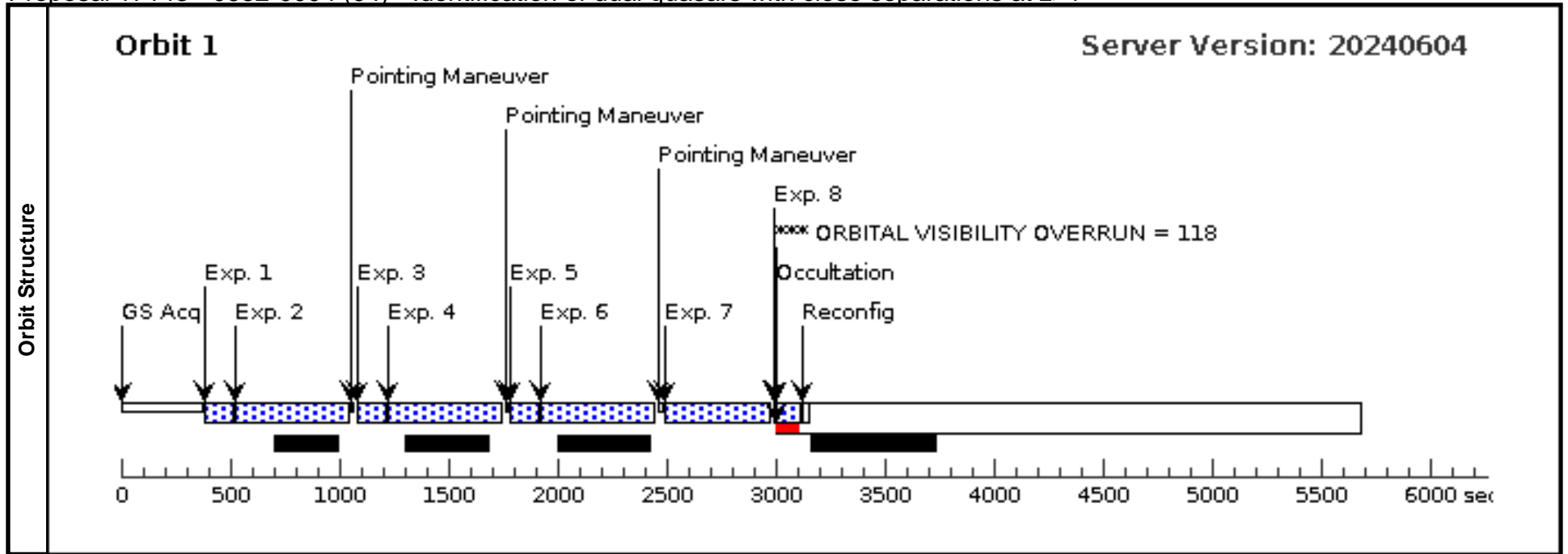
| Visit | Proposal 17143, 0925-0208 (03), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: ORIENT 345D TO 355 D | | | | | | | | | |
|---------------|--|---|--------------------|--|--------------------------|-------------------------------|------------------------|--|---|-------|
| | Diagnostics | (0925-0208 (03)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (0925-0208 (03)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (0925-0208 (03)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (0925-0208 (03)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE | | | | | | | | |
| Fixed Targets | | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | |
| | | (3) | SDSSJ0925-0208 | RA: 09 25 32.1382 (141.3839092d) Dec: -02 08 6.19 (-2.13505d) Equinox: J2000 | Redshift: 1.35 | V=20.4 | Reference Frame: ICRS | | | |
| | <i>Comments:</i> Category=GALAXY Description=[OSO, QUASAR] | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | F140W | (3) SDSSJ0925-0208 | WFC3/IR, MULTIACCUM, GRISM1024 | F140W | NSAMP=8; SAMP-SEQ=STEP25 | | Sequence 1-2 Non-Int in 0925-0208 (03) | 99.231256 Secs (99.231 Secs) [==>] | [1] |
| | 2 | G141 | (3) SDSSJ0925-0208 | WFC3/IR, MULTIACCUM, GRISM1024 | G141 | NSAMP=11; SAMP-SEQ=SPARS50 | | Sequence 1-2 Non-Int in 0925-0208 (03) | 502.936801 Secs (502.937 Secs) [==>] | [1] |
| | 3 | F140W Dither1 | (3) SDSSJ0925-0208 | WFC3/IR, MULTIACCUM, GRISM1024 | F140W | NSAMP=8; SAMP-SEQ=STEP25 | POS TARG 1.355,285 | Sequence 3-4 Non-Int in 0925-0208 (03) | 99.231256 Secs (99.231 Secs) [==>] | [1] |
| | 4 | G141 Dither1 | (3) SDSSJ0925-0208 | WFC3/IR, MULTIACCUM, GRISM1024 | G141 | NSAMP=11; SAMP-SEQ=SPARS50 | SAME POS AS 3 | Sequence 3-4 Non-Int in 0925-0208 (03) | 502.936801 Secs (502.937 Secs) [==>] | [1] |
| | 5 | F140W Dither2 | (3) SDSSJ0925-0208 | WFC3/IR, MULTIACCUM, GRISM1024 | F140W | NSAMP=8; SAMP-SEQ=STEP25 | POS TARG 0.881,6064 | Sequence 5-6 Non-Int in 0925-0208 (03) | 99.231256 Secs (99.231 Secs) [==>] | [1] |
| | 6 | G141 Dither2 | (3) SDSSJ0925-0208 | WFC3/IR, MULTIACCUM, GRISM1024 | G141 | NSAMP=11; SAMP-SEQ=SPARS50 | SAME POS AS 5 | Sequence 5-6 Non-Int in 0925-0208 (03) | 502.936801 Secs (502.937 Secs) [==>] | [1] |
| | 7 | G141 Dither3 | (3) SDSSJ0925-0208 | WFC3/IR, MULTIACCUM, GRISM1024 | G141 | NSAMP=10; SAMP-SEQ=SPARS50 | SAME POS AS 8 | Sequence 7-8 Non-Int in 0925-0208 (03) | 452.93635 Secs (452.936 Secs) [==>] | [1] |
| | 8 | F140W Dither3 | (3) SDSSJ0925-0208 | WFC3/IR, MULTIACCUM, GRISM1024 | F140W | NSAMP=8; SAMP-SEQ=STEP25 | POS TARG -0.474,-2.851 | Sequence 7-8 Non-Int in 0925-0208 (03) | 99.231256 Secs (99.231 Secs) [==>] | [1] |



Proposal 17143 - 0952-0004 (04) - Identification of dual quasars with close separations at z>1

Mon Jun 17 12:00:32 GMT 2024

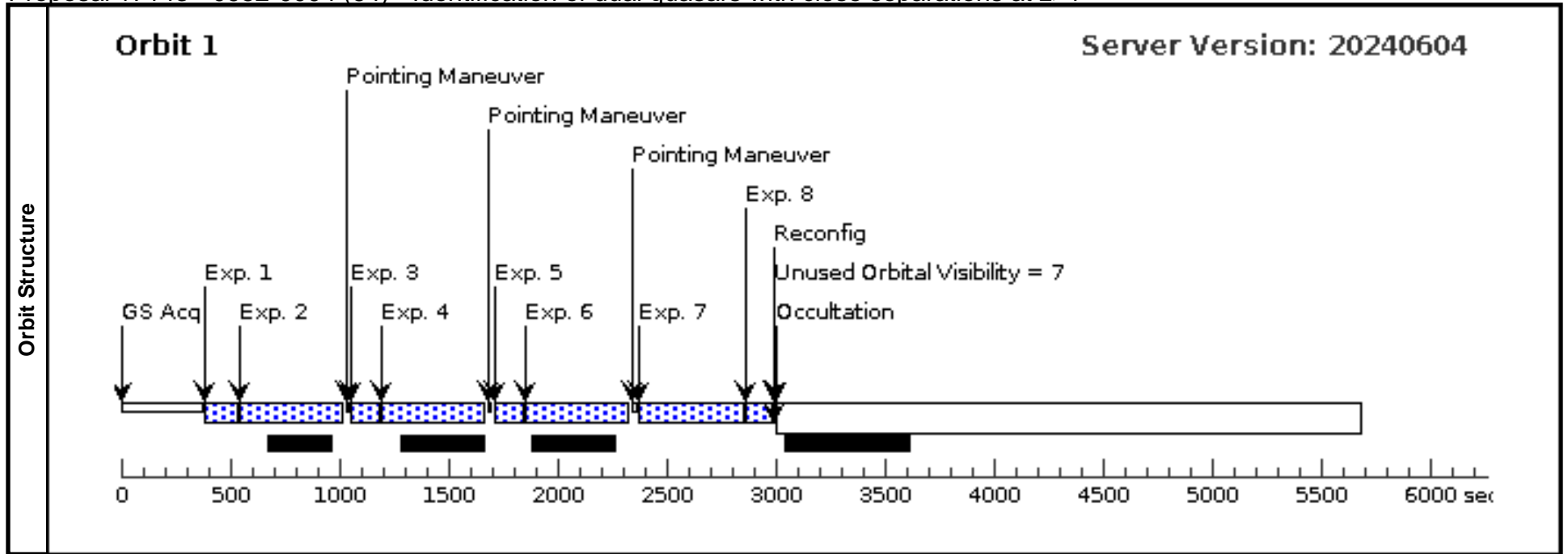
| Visit | Proposal 17143, 0952-0004 (04), failed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: ORIENT 79D TO 79 D | | | | | | | | | |
|---------------|---|---|--------------------|--|--------------------------|-------------------------------|------------------------|--|---|-------|
| | Diagnostics | (0952-0004 (04)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (0952-0004 (04)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (0952-0004 (04)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (0952-0004 (04)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE | | | | | | | | |
| Fixed Targets | | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | |
| | | (4) | SDSSJ0952-0004 | RA: 09 52 18.0466 (148.0751942d) Dec: -00 04 59.15 (-.08310d) Equinox: J2000 | Redshift: 1.268 | V=20.8 | Reference Frame: ICRS | | | |
| | <i>Comments:</i> Category=GALAXY Description=[QSO, QUASAR] | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | F140W | (4) SDSSJ0952-0004 | WFC3/IR, MULTIACCUM, GRISM1024 | F140W | NSAMP=8; SAMP-SEQ=STEP25 | | Sequence 1-2 Non-Int in 0952-0004 (04) | 99.231256 Secs (99.231 Secs) [==>] | [1] |
| | 2 | G141 | (4) SDSSJ0952-0004 | WFC3/IR, MULTIACCUM, GRISM1024 | G141 | NSAMP=11; SAMP-SEQ=SPARS50 | | Sequence 1-2 Non-Int in 0952-0004 (04) | 502.936801 Secs (502.937 Secs) [==>] | [1] |
| | 3 | F140W Dither1 | (4) SDSSJ0952-0004 | WFC3/IR, MULTIACCUM, GRISM1024 | F140W | NSAMP=8; SAMP-SEQ=STEP25 | POS TARG 1.355,285 | Sequence 3-4 Non-Int in 0952-0004 (04) | 99.231256 Secs (99.231 Secs) [==>] | [1] |
| | 4 | G141 Dither1 | (4) SDSSJ0952-0004 | WFC3/IR, MULTIACCUM, GRISM1024 | G141 | NSAMP=11; SAMP-SEQ=SPARS50 | SAME POS AS 3 | Sequence 3-4 Non-Int in 0952-0004 (04) | 502.936801 Secs (502.937 Secs) [==>] | [1] |
| | 5 | F140W Dither2 | (4) SDSSJ0952-0004 | WFC3/IR, MULTIACCUM, GRISM1024 | F140W | NSAMP=8; SAMP-SEQ=STEP25 | POS TARG 0.881,6064 | Sequence 5-6 Non-Int in 0952-0004 (04) | 99.231256 Secs (99.231 Secs) [==>] | [1] |
| | 6 | G141 Dither2 | (4) SDSSJ0952-0004 | WFC3/IR, MULTIACCUM, GRISM1024 | G141 | NSAMP=11; SAMP-SEQ=SPARS50 | SAME POS AS 5 | Sequence 5-6 Non-Int in 0952-0004 (04) | 502.936801 Secs (502.937 Secs) [==>] | [1] |
| | 7 | G141 Dither3 | (4) SDSSJ0952-0004 | WFC3/IR, MULTIACCUM, GRISM1024 | G141 | NSAMP=10; SAMP-SEQ=SPARS50 | SAME POS AS 8 | Sequence 7-8 Non-Int in 0952-0004 (04) | 452.93635 Secs (452.936 Secs) [==>] | [1] |
| | 8 | F140W Dither3 | (4) SDSSJ0952-0004 | WFC3/IR, MULTIACCUM, GRISM1024 | F140W | NSAMP=8; SAMP-SEQ=STEP25 | POS TARG -0.474,-2.851 | Sequence 7-8 Non-Int in 0952-0004 (04) | 99.231256 Secs (99.231 Secs) [==>] | [1] |



Proposal 17143 - 0952-0004 (64) - Identification of dual quasars with close separations at z>1

Mon Jun 17 12:00:32 GMT 2024

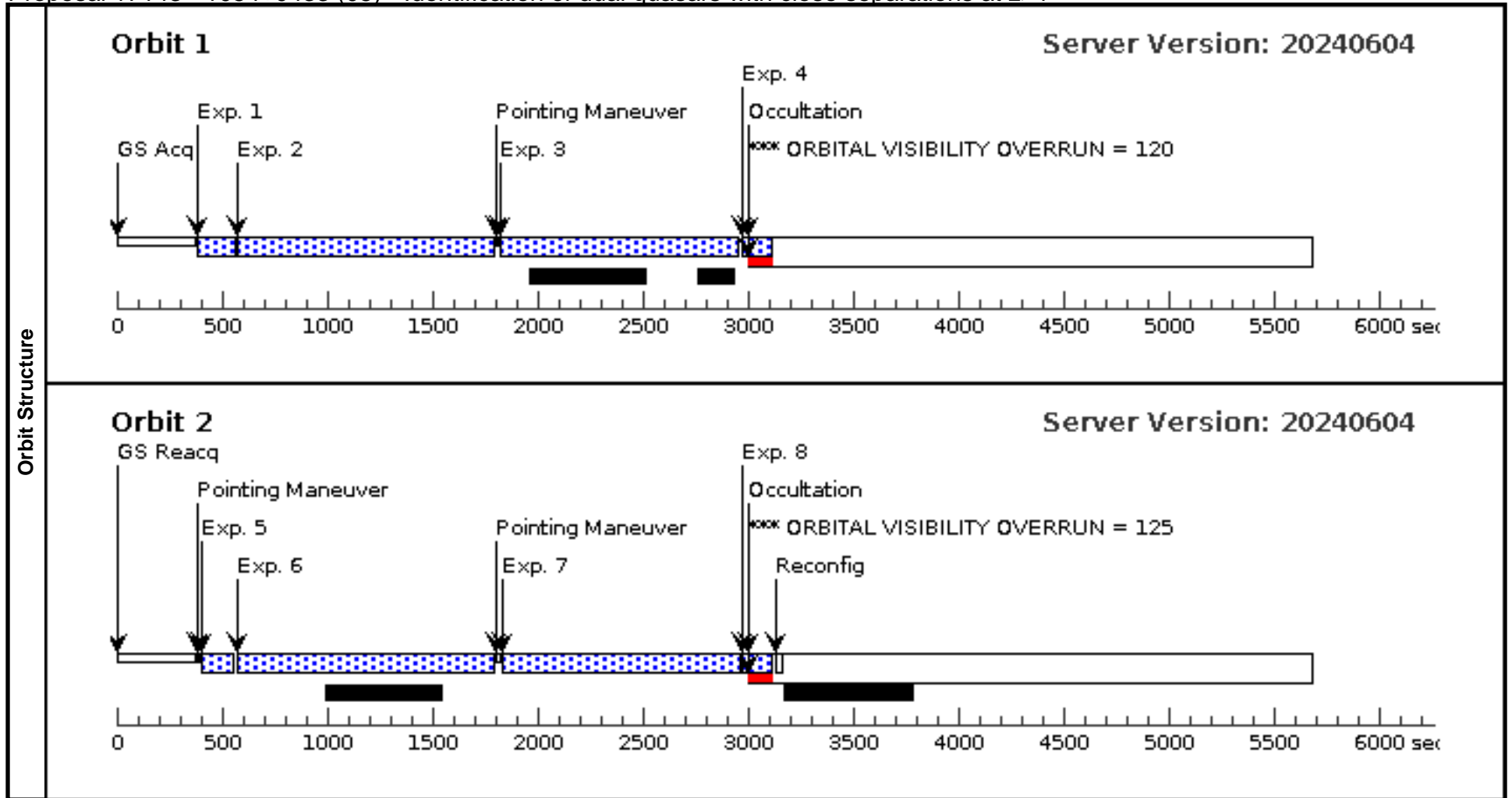
| Visit | Proposal 17143, 0952-0004 (64), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: ORIENT 270D TO 271 D | | | | | | | | | |
|---------------|---|---|--------------------|--|--------------------------|-------------------------------|------------------------|--|---|-------|
| | Diagnostics | (0952-0004 (64)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (0952-0004 (64)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (0952-0004 (64)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE | | | | | | | | |
| Fixed Targets | | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | |
| | | (4) | SDSSJ0952-0004 | RA: 09 52 18.0466 (148.0751942d) Dec: -00 04 59.15 (-.08310d) Equinox: J2000 | Redshift: 1.268 | V=20.8 | Reference Frame: ICRS | | | |
| | <i>Comments:</i> Category=GALAXY Description=[OSO, QUASAR] | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | F140W | (4) SDSSJ0952-0004 | WFC3/IR, MULTIACCUM, GRISM1024 | F140W | NSAMP=9; SAMP-SEQ=STEP25 | | Sequence 1-2 Non-Int in 0952-0004 (64) | 124.231771 Secs (124.232 Secs) [==>] | [1] |
| | 2 | G141 | (4) SDSSJ0952-0004 | WFC3/IR, MULTIACCUM, GRISM1024 | G141 | NSAMP=10; SAMP-SEQ=SPARS50 | | Sequence 1-2 Non-Int in 0952-0004 (64) | 452.93635 Secs (452.936 Secs) [==>] | [1] |
| | 3 | F140W Dither1 | (4) SDSSJ0952-0004 | WFC3/IR, MULTIACCUM, GRISM1024 | F140W | NSAMP=8; SAMP-SEQ=STEP25 | POS TARG 1.355,2.85 | Sequence 3-4 Non-Int in 0952-0004 (64) | 99.231256 Secs (99.231 Secs) [==>] | [1] |
| | 4 | G141 Dither1 | (4) SDSSJ0952-0004 | WFC3/IR, MULTIACCUM, GRISM1024 | G141 | NSAMP=10; SAMP-SEQ=SPARS50 | SAME POS AS 3 | Sequence 3-4 Non-Int in 0952-0004 (64) | 452.93635 Secs (452.936 Secs) [==>] | [1] |
| | 5 | F140W Dither2 | (4) SDSSJ0952-0004 | WFC3/IR, MULTIACCUM, GRISM1024 | F140W | NSAMP=8; SAMP-SEQ=STEP25 | POS TARG 0.881,6.064 | Sequence 5-6 Non-Int in 0952-0004 (64) | 99.231256 Secs (99.231 Secs) [==>] | [1] |
| | 6 | G141 Dither2 | (4) SDSSJ0952-0004 | WFC3/IR, MULTIACCUM, GRISM1024 | G141 | NSAMP=10; SAMP-SEQ=SPARS50 | SAME POS AS 5 | Sequence 5-6 Non-Int in 0952-0004 (64) | 452.93635 Secs (452.936 Secs) [==>] | [1] |
| | 7 | G141 Dither3 | (4) SDSSJ0952-0004 | WFC3/IR, MULTIACCUM, GRISM1024 | G141 | NSAMP=10; SAMP-SEQ=SPARS50 | SAME POS AS 8 | Sequence 7-8 Non-Int in 0952-0004 (64) | 452.93635 Secs (452.936 Secs) [==>] | [1] |
| | 8 | F140W Dither3 | (4) SDSSJ0952-0004 | WFC3/IR, MULTIACCUM, GRISM1024 | F140W | NSAMP=8; SAMP-SEQ=STEP25 | POS TARG -0.474,-2.851 | Sequence 7-8 Non-Int in 0952-0004 (64) | 99.231256 Secs (99.231 Secs) [==>] | [1] |



Proposal 17143 - 1054+0433 (05) - Identification of dual quasars with close separations at $z > 1$

Mon Jun 17 12:00:32 GMT 2024

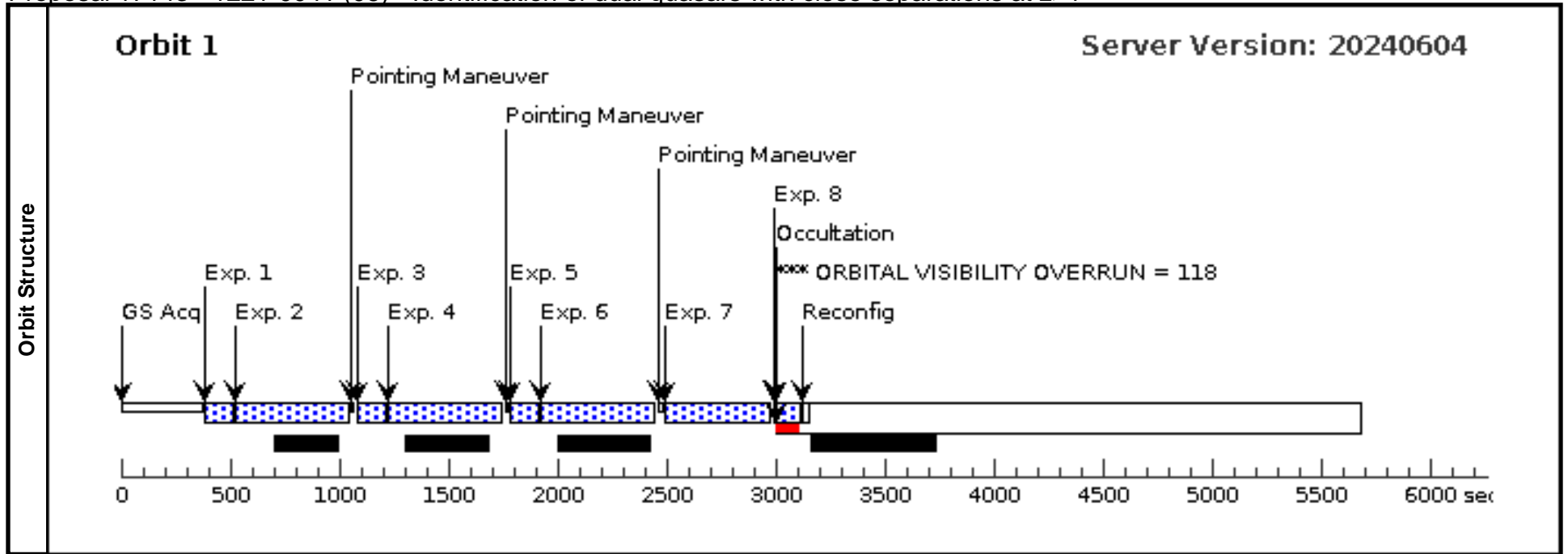
| Visit | Proposal 17143, 1054+0433 (05), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: ORIENT 308D TO 308 D | | | | | | | | | |
|--|--|---|-------------------------|--|--------------------------|------------------------------------|------------------------|--|---|---------------------------------|
| | Diagnostics | (1054+0433 (05)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (1054+0433 (05)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (1054+0433 (05)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (1054+0433 (05)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (1054+0433 (05)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE | | | | | | | | |
| Fixed Targets | | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | |
| | | (5) | SDSSJ1054+0433 | RA: 10 54 58.0152 (163.7417300d) Dec: +04 33 10.61 (4.55295d) Equinox: J2000 | Redshift: 2.708 | V=22.2 | Reference Frame: ICRS | | | |
| <i>Comments:</i> Category=GALAXY Description=[OSO, QUASAR] | | | | | | | | | | |
| Exposures | | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] |
| | 1 | F105W | (5) SDSSJ1054+0433 3 | WFC3/IR, MULTIACCUM, GRISM1024 | F105W | NSAMP=10; SAMP-SEQ=STEP2 5 | | Sequence 1-2 Non-Int in 1054+0433 (05) | 149.232286 Secs (149.232 Secs) [==>] | [1] |
| | 2 | G102 | (5) SDSSJ1054+0433 3 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | | Sequence 1-2 Non-Int in 1054+0433 (05) | 1202.936167 Secs (1202.936 Secs) [==>] | [1] |
| | 3 | G102 Dither 1 | (5) SDSSJ1054+0433 3 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=12; SAMP-SEQ=SPAR S100 | SAME POS AS 4 | Sequence 3-4 Non-Int in 1054+0433 (05) | 1102.935844 Secs (1102.936 Secs) [==>] | [1] |
| | 4 | F105W Dither er1 | (5) SDSSJ1054+0433 3 | WFC3/IR, MULTIACCUM, GRISM1024 | F105W | NSAMP=9; SAMP-SEQ=STEP2 5 | POS TARG 1.355,2.85 | Sequence 3-4 Non-Int in 1054+0433 (05) | 124.231771 Secs (124.232 Secs) [==>] | [1] |
| | 5 | F105W Dither er2 | (5) SDSSJ1054+0433 3 | WFC3/IR, MULTIACCUM, GRISM1024 | F105W | NSAMP=9; SAMP-SEQ=STEP2 5 | POS TARG 0.881,6.064 | Sequence 5-6 Non-Int in 1054+0433 (05) | 124.231771 Secs (124.232 Secs) [==>] | [2] |
| | 6 | G102 Dither 2 | (5) SDSSJ1054+0433 3 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=13; SAMP-SEQ=SPAR S100 | SAME POS AS 5 | Sequence 5-6 Non-Int in 1054+0433 (05) | 1202.936167 Secs (1202.936 Secs) [==>] | [2] |
| | 7 | G102 Dither 3 | (5) SDSSJ1054+0433 3 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=12; SAMP-SEQ=SPAR S100 | SAME POS AS 8 | Sequence 7-8 Non-Int in 1054+0433 (05) | 1102.935844 Secs (1102.936 Secs) [==>] | [2] |
| | 8 | F105W Dither er3 | (5) SDSSJ1054+0433 3 | WFC3/IR, MULTIACCUM, GRISM1024 | F105W | NSAMP=9; SAMP-SEQ=STEP2 5 | POS TARG -0.474,-2.851 | Sequence 7-8 Non-Int in 1054+0433 (05) | 124.231771 Secs (124.232 Secs) [==>] | [2] |



Proposal 17143 - 1221-0041 (06) - Identification of dual quasars with close separations at z>1

Mon Jun 17 12:00:32 GMT 2024

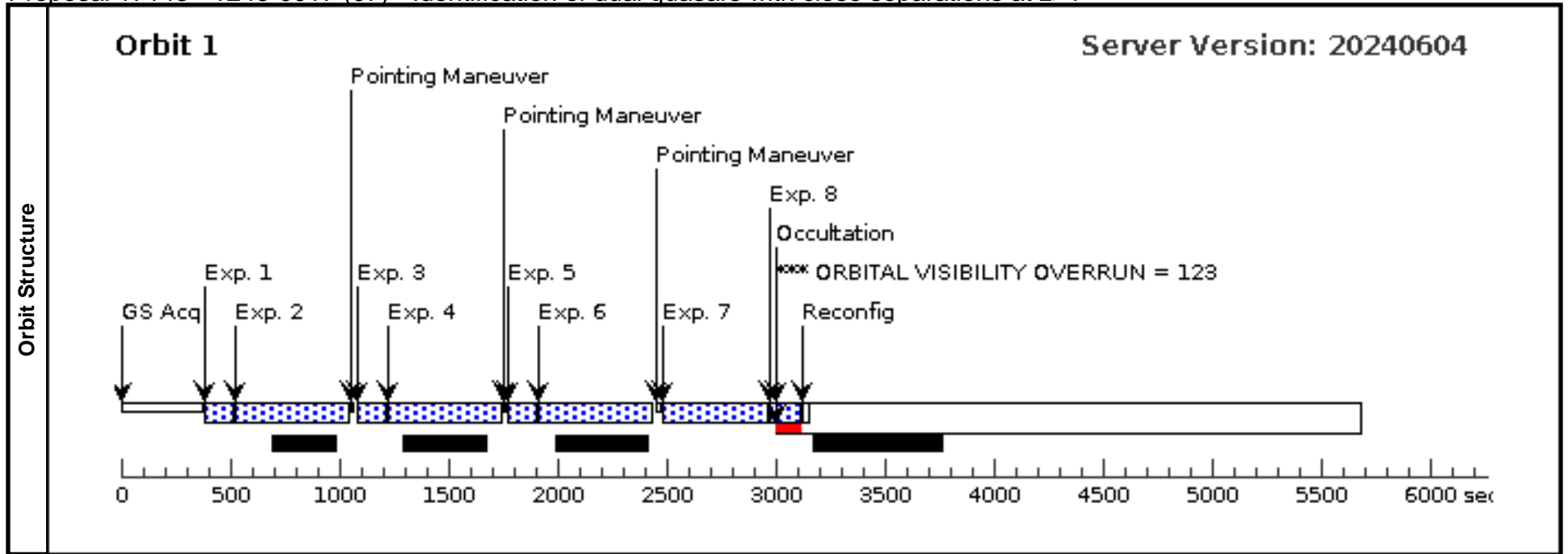
| Visit | Proposal 17143, 1221-0041 (06), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: ORIENT 148D TO 208 D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---|---|--|--------------------------------|-----------------------------------|-----------------------------------|--|--|---|--------------------------|--------------|---------------|--------|---------------------------------|--|----------------|--------|-----------------------|--------------------------------|-------|---------------------------------|--|--|---------------------------------------|-----|---|------|--------------------|--------------------------------|------|-----------------------------------|--|--|---|-----|---|----------------|--------------------|--------------------------------|-------|---------------------------------|---------------------|--|---------------------------------------|-----|---|---------------|--------------------|--------------------------------|------|-----------------------------------|---------------|--|---|-----|---|----------------|--------------------|--------------------------------|-------|---------------------------------|----------------------|--|---------------------------------------|-----|---|---------------|--------------------|--------------------------------|------|-----------------------------------|---------------|--|---|-----|---|---------------|--------------------|--------------------------------|------|-----------------------------------|---------------|--|--|-----|---|----------------|--------------------|--------------------------------|-------|---------------------------------|------------------------|--|---------------------------------------|-----|
| | Diagnostics | (1221-0041 (06)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (1221-0041 (06)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (1221-0041 (06)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (1221-0041 (06)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fixed Targets | | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(6)</td> <td>SDSSJ1221-0041</td> <td>RA: 12 21 44.3131 (185.4346379d) Dec: -00 41 44.14 (-.69559d) Equinox: J2000</td> <td>Redshift: 2.22</td> <td>V=20.2</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> Comments: Category=GALAXY Description=[OSO, QUASAR] | | | | | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | (6) | SDSSJ1221-0041 | RA: 12 21 44.3131 (185.4346379d) Dec: -00 41 44.14 (-.69559d) Equinox: J2000 | Redshift: 2.22 | V=20.2 | Reference Frame: ICRS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (6) | | SDSSJ1221-0041 | RA: 12 21 44.3131 (185.4346379d) Dec: -00 41 44.14 (-.69559d) Equinox: J2000 | Redshift: 2.22 | V=20.2 | Reference Frame: ICRS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Exposures | <table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>F140W</td> <td>(6) SDSSJ1221-0041</td> <td>WFC3/IR, MULTIACCUM, GRISM1024</td> <td>F140W</td> <td>NSAMP=8; SAMP-SEQ=STEP2 5</td> <td></td> <td>Sequence 1-2 Non-Int in 1221-0041 (06)</td> <td>99.231256 Secs (99.231 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>G141</td> <td>(6) SDSSJ1221-0041</td> <td>WFC3/IR, MULTIACCUM, GRISM1024</td> <td>G141</td> <td>NSAMP=11; SAMP-SEQ=SPAR S50</td> <td></td> <td>Sequence 1-2 Non-Int in 1221-0041 (06)</td> <td>502.936801 Secs (502.937 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>F140W Dither 1</td> <td>(6) SDSSJ1221-0041</td> <td>WFC3/IR, MULTIACCUM, GRISM1024</td> <td>F140W</td> <td>NSAMP=8; SAMP-SEQ=STEP2 5</td> <td>POS TARG 1.355,2.85</td> <td>Sequence 3-4 Non-Int in 1221-0041 (06)</td> <td>99.231256 Secs (99.231 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>4</td> <td>G141 Dither 1</td> <td>(6) SDSSJ1221-0041</td> <td>WFC3/IR, MULTIACCUM, GRISM1024</td> <td>G141</td> <td>NSAMP=11; SAMP-SEQ=SPAR S50</td> <td>SAME POS AS 3</td> <td>Sequence 3-4 Non-Int in 1221-0041 (06)</td> <td>502.936801 Secs (502.937 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>5</td> <td>F140W Dither 2</td> <td>(6) SDSSJ1221-0041</td> <td>WFC3/IR, MULTIACCUM, GRISM1024</td> <td>F140W</td> <td>NSAMP=8; SAMP-SEQ=STEP2 5</td> <td>POS TARG 0.881,6.064</td> <td>Sequence 5-6 Non-Int in 1221-0041 (06)</td> <td>99.231256 Secs (99.231 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>6</td> <td>G141 Dither 2</td> <td>(6) SDSSJ1221-0041</td> <td>WFC3/IR, MULTIACCUM, GRISM1024</td> <td>G141</td> <td>NSAMP=11; SAMP-SEQ=SPAR S50</td> <td>SAME POS AS 5</td> <td>Sequence 5-6 Non-Int in 1221-0041 (06)</td> <td>502.936801 Secs (502.937 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>7</td> <td>G141 Dither 3</td> <td>(6) SDSSJ1221-0041</td> <td>WFC3/IR, MULTIACCUM, GRISM1024</td> <td>G141</td> <td>NSAMP=10; SAMP-SEQ=SPAR S50</td> <td>SAME POS AS 8</td> <td>Sequence 7-8 Non-Int in 1221-0041 (06)</td> <td>452.93635 Secs (452.936 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>8</td> <td>F140W Dither 3</td> <td>(6) SDSSJ1221-0041</td> <td>WFC3/IR, MULTIACCUM, GRISM1024</td> <td>F140W</td> <td>NSAMP=8; SAMP-SEQ=STEP2 5</td> <td>POS TARG -0.474,-2.851</td> <td>Sequence 7-8 Non-Int in 1221-0041 (06)</td> <td>99.231256 Secs (99.231 Secs) [==>]</td> <td>[1]</td> </tr> </tbody> </table> | | | | | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit | 1 | F140W | (6) SDSSJ1221-0041 | WFC3/IR, MULTIACCUM, GRISM1024 | F140W | NSAMP=8; SAMP-SEQ=STEP2 5 | | Sequence 1-2 Non-Int in 1221-0041 (06) | 99.231256 Secs (99.231 Secs) [==>] | [1] | 2 | G141 | (6) SDSSJ1221-0041 | WFC3/IR, MULTIACCUM, GRISM1024 | G141 | NSAMP=11; SAMP-SEQ=SPAR S50 | | Sequence 1-2 Non-Int in 1221-0041 (06) | 502.936801 Secs (502.937 Secs) [==>] | [1] | 3 | F140W Dither 1 | (6) SDSSJ1221-0041 | WFC3/IR, MULTIACCUM, GRISM1024 | F140W | NSAMP=8; SAMP-SEQ=STEP2 5 | POS TARG 1.355,2.85 | Sequence 3-4 Non-Int in 1221-0041 (06) | 99.231256 Secs (99.231 Secs) [==>] | [1] | 4 | G141 Dither 1 | (6) SDSSJ1221-0041 | WFC3/IR, MULTIACCUM, GRISM1024 | G141 | NSAMP=11; SAMP-SEQ=SPAR S50 | SAME POS AS 3 | Sequence 3-4 Non-Int in 1221-0041 (06) | 502.936801 Secs (502.937 Secs) [==>] | [1] | 5 | F140W Dither 2 | (6) SDSSJ1221-0041 | WFC3/IR, MULTIACCUM, GRISM1024 | F140W | NSAMP=8; SAMP-SEQ=STEP2 5 | POS TARG 0.881,6.064 | Sequence 5-6 Non-Int in 1221-0041 (06) | 99.231256 Secs (99.231 Secs) [==>] | [1] | 6 | G141 Dither 2 | (6) SDSSJ1221-0041 | WFC3/IR, MULTIACCUM, GRISM1024 | G141 | NSAMP=11; SAMP-SEQ=SPAR S50 | SAME POS AS 5 | Sequence 5-6 Non-Int in 1221-0041 (06) | 502.936801 Secs (502.937 Secs) [==>] | [1] | 7 | G141 Dither 3 | (6) SDSSJ1221-0041 | WFC3/IR, MULTIACCUM, GRISM1024 | G141 | NSAMP=10; SAMP-SEQ=SPAR S50 | SAME POS AS 8 | Sequence 7-8 Non-Int in 1221-0041 (06) | 452.93635 Secs (452.936 Secs) [==>] | [1] | 8 | F140W Dither 3 | (6) SDSSJ1221-0041 | WFC3/IR, MULTIACCUM, GRISM1024 | F140W | NSAMP=8; SAMP-SEQ=STEP2 5 | POS TARG -0.474,-2.851 | Sequence 7-8 Non-Int in 1221-0041 (06) | 99.231256 Secs (99.231 Secs) [==>] | [1] |
| | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | F140W | (6) SDSSJ1221-0041 | WFC3/IR, MULTIACCUM, GRISM1024 | F140W | NSAMP=8; SAMP-SEQ=STEP2 5 | | Sequence 1-2 Non-Int in 1221-0041 (06) | 99.231256 Secs (99.231 Secs) [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | G141 | (6) SDSSJ1221-0041 | WFC3/IR, MULTIACCUM, GRISM1024 | G141 | NSAMP=11; SAMP-SEQ=SPAR S50 | | Sequence 1-2 Non-Int in 1221-0041 (06) | 502.936801 Secs (502.937 Secs) [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | F140W Dither 1 | (6) SDSSJ1221-0041 | WFC3/IR, MULTIACCUM, GRISM1024 | F140W | NSAMP=8; SAMP-SEQ=STEP2 5 | POS TARG 1.355,2.85 | Sequence 3-4 Non-Int in 1221-0041 (06) | 99.231256 Secs (99.231 Secs) [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 | G141 Dither 1 | (6) SDSSJ1221-0041 | WFC3/IR, MULTIACCUM, GRISM1024 | G141 | NSAMP=11; SAMP-SEQ=SPAR S50 | SAME POS AS 3 | Sequence 3-4 Non-Int in 1221-0041 (06) | 502.936801 Secs (502.937 Secs) [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5 | F140W Dither 2 | (6) SDSSJ1221-0041 | WFC3/IR, MULTIACCUM, GRISM1024 | F140W | NSAMP=8; SAMP-SEQ=STEP2 5 | POS TARG 0.881,6.064 | Sequence 5-6 Non-Int in 1221-0041 (06) | 99.231256 Secs (99.231 Secs) [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 6 | G141 Dither 2 | (6) SDSSJ1221-0041 | WFC3/IR, MULTIACCUM, GRISM1024 | G141 | NSAMP=11; SAMP-SEQ=SPAR S50 | SAME POS AS 5 | Sequence 5-6 Non-Int in 1221-0041 (06) | 502.936801 Secs (502.937 Secs) [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | G141 Dither 3 | (6) SDSSJ1221-0041 | WFC3/IR, MULTIACCUM, GRISM1024 | G141 | NSAMP=10; SAMP-SEQ=SPAR S50 | SAME POS AS 8 | Sequence 7-8 Non-Int in 1221-0041 (06) | 452.93635 Secs (452.936 Secs) [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | F140W Dither 3 | (6) SDSSJ1221-0041 | WFC3/IR, MULTIACCUM, GRISM1024 | F140W | NSAMP=8; SAMP-SEQ=STEP2 5 | POS TARG -0.474,-2.851 | Sequence 7-8 Non-Int in 1221-0041 (06) | 99.231256 Secs (99.231 Secs) [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Proposal 17143 - 1246-0017 (07) - Identification of dual quasars with close separations at z>1

Mon Jun 17 12:00:32 GMT 2024

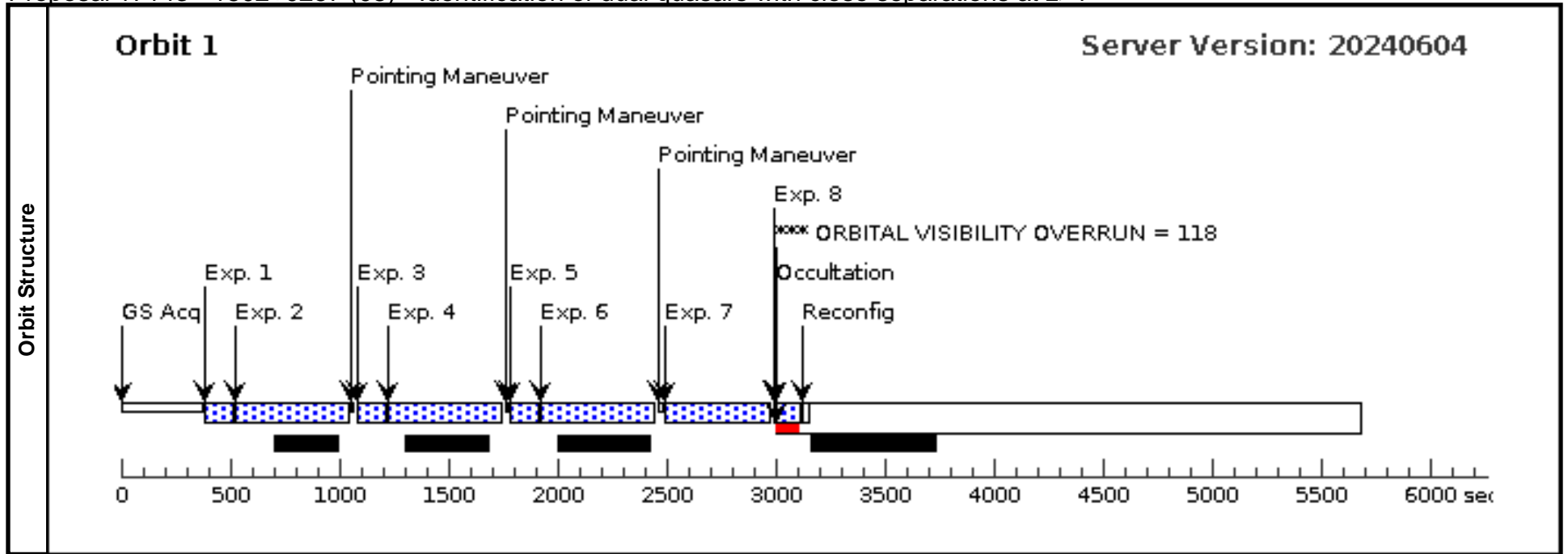
| | | | | | | | | | | |
|---|--|----------------|--|---------------------------------|----------------------|-----------------------------------|-----------------------------|--|---|--------------|
| Visit | Proposal 17143, 1246-0017 (07), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: ORIENT 267D TO 279 D | | | | | | | | | |
| | (1246-0017 (07)) Warning (Orbit Planner): GS ACQ SCENARIO REQUESTED INCONSISTENT WITH VISIT GYRO MODE (1246-0017 (07)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (1246-0017 (07)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (1246-0017 (07)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (1246-0017 (07)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (F105W (07.001) special requirements) Warning (Form): The specified GS Acq Scenario is not in the current list of valid scenarios. | | | | | | | | | |
| Diagnosics | | | | | | | | | | |
| | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (7) | SDSSJ1246-0017 | RA: 12 46 18.5117 (191.5771321d) Dec: -00 17 50.21 (-.29728d) Equinox: J2000 | Redshift: 2.559 | V=20.8 | Reference Frame: ICRS | | | | |
| Comments: Category=GALAXY Description=[QSO, QUASAR] | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | F105W | (7) SDSSJ1246-0017 | WFC3/IR, MULTIACCUM, GRISM1024 | F105W | NSAMP=8; SAMP-SEQ=STEP25 | GS ACQ SCENARI O BASE1B3 | Sequence 1-2 Non-Int in 1246-0017 (07) | 99.231256 Secs (99.231 Secs) [==>] | [1] |
| | 2 | G102 | (7) SDSSJ1246-0017 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=11; SAMP-SEQ=SPAR S50 | | Sequence 1-2 Non-Int in 1246-0017 (07) | 502.936801 Secs (502.937 Secs) [==>] | [1] |
| | 3 | F105W Dither1 | (7) SDSSJ1246-0017 | WFC3/IR, MULTIACCUM, GRISM1024 | F105W | NSAMP=8; SAMP-SEQ=STEP25 | POS TARG 1.355,2.85 | Sequence 3-4 Non-Int in 1246-0017 (07) | 99.231256 Secs (99.231 Secs) [==>] | [1] |
| | 4 | G102 Dither1 | (7) SDSSJ1246-0017 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=11; SAMP-SEQ=SPAR S50 | SAME POS AS 3 | Sequence 3-4 Non-Int in 1246-0017 (07) | 502.936801 Secs (502.937 Secs) [==>] | [1] |
| | 5 | F105W Dither2 | (7) SDSSJ1246-0017 | WFC3/IR, MULTIACCUM, GRISM1024 | F105W | NSAMP=8; SAMP-SEQ=STEP25 | POS TARG 0.881,6.064 | Sequence 5-6 Non-Int in 1246-0017 (07) | 99.231256 Secs (99.231 Secs) [==>] | [1] |
| | 6 | G102 Dither2 | (7) SDSSJ1246-0017 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=11; SAMP-SEQ=SPAR S50 | SAME POS AS 5 | Sequence 5-6 Non-Int in 1246-0017 (07) | 502.936801 Secs (502.937 Secs) [==>] | [1] |
| | 7 | G102 Dither3 | (7) SDSSJ1246-0017 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=10; SAMP-SEQ=SPAR S50 | SAME POS AS 8 | Sequence 7-8 Non-Int in 1246-0017 (07) | 452.93635 Secs (452.936 Secs) [==>] | [1] |
| | 8 | F105W Dither3 | (7) SDSSJ1246-0017 | WFC3/IR, MULTIACCUM, GRISM1024 | F105W | NSAMP=9; SAMP-SEQ=STEP25 | POS TARG -0.474,-2.851 | Sequence 7-8 Non-Int in 1246-0017 (07) | 124.231771 Secs (124.232 Secs) [==>] | [1] |



Proposal 17143 - 1502+0257 (08) - Identification of dual quasars with close separations at $z > 1$

Mon Jun 17 12:00:32 GMT 2024

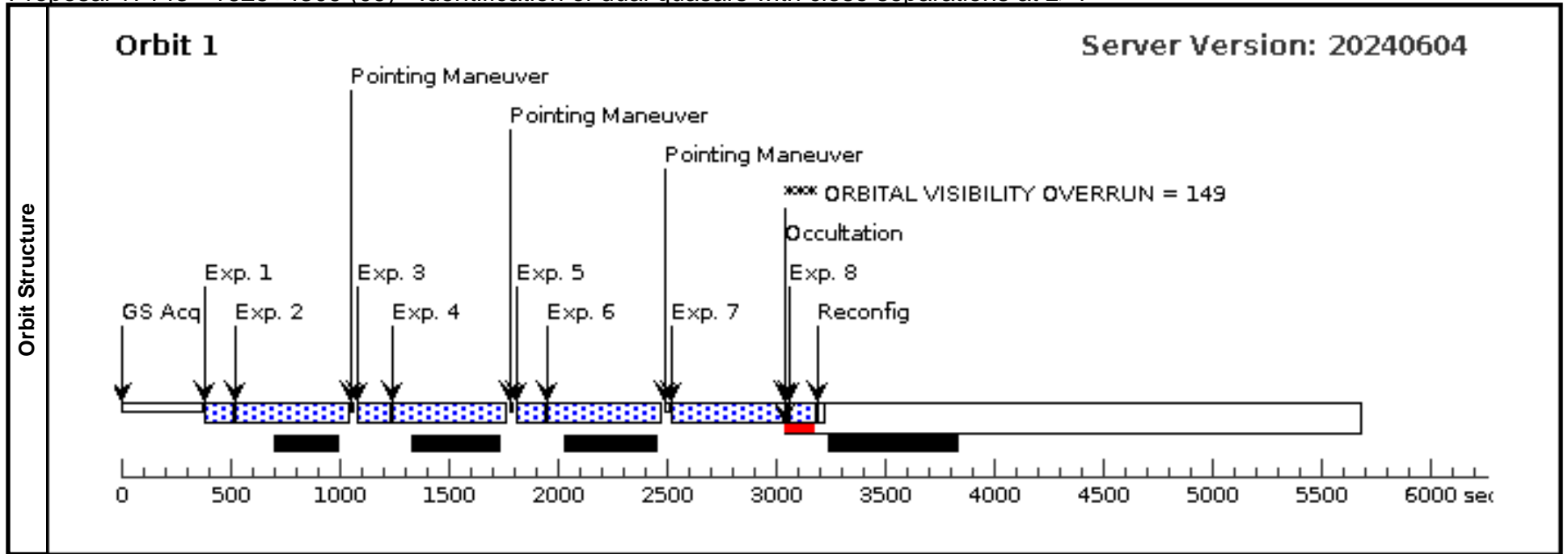
| Visit | Proposal 17143, 1502+0257 (08), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: ORIENT 248D TO 278 D | | | | | | | | | |
|---|--|---|--|--------------------------------|--------------------------|-----------------------------------|------------------------|--|---|-------|
| | Diagnostics | (1502+0257 (08)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (1502+0257 (08)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (1502+0257 (08)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (1502+0257 (08)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE | | | | | | | | |
| Fixed Targets | | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | |
| | (8) | SDSSJ1502+0257 | RA: 15 02 16.6662 (225.5694425d) Dec: +02 57 19.81 (2.95550d) Equinox: J2000 | Redshift: 1.4841 | V=20.2 | Reference Frame: ICRS | | | | |
| Comments: Category=GALAXY Description=[OSO, QUASAR] | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | F140W | (8) SDSSJ1502+0257 7 | WFC3/IR, MULTIACCUM, GRISM1024 | F140W | NSAMP=8; SAMP-SEQ=STEP2 5 | | Sequence 1-2 Non-Int in 1502+0257 (08) | 99.231256 Secs (99.231 Secs) [==>] | [1] |
| | 2 | G141 | (8) SDSSJ1502+0257 7 | WFC3/IR, MULTIACCUM, GRISM1024 | G141 | NSAMP=11; SAMP-SEQ=SPAR S50 | | Sequence 1-2 Non-Int in 1502+0257 (08) | 502.936801 Secs (502.937 Secs) [==>] | [1] |
| | 3 | F140W Dither1 | (8) SDSSJ1502+0257 7 | WFC3/IR, MULTIACCUM, GRISM1024 | F140W | NSAMP=8; SAMP-SEQ=STEP2 5 | POS TARG 1.355,2.85 | Sequence 3-4 Non-Int in 1502+0257 (08) | 99.231256 Secs (99.231 Secs) [==>] | [1] |
| | 4 | G141 Dither1 | (8) SDSSJ1502+0257 7 | WFC3/IR, MULTIACCUM, GRISM1024 | G141 | NSAMP=11; SAMP-SEQ=SPAR S50 | SAME POS AS 3 | Sequence 3-4 Non-Int in 1502+0257 (08) | 502.936801 Secs (502.937 Secs) [==>] | [1] |
| | 5 | F140W Dither2 | (8) SDSSJ1502+0257 7 | WFC3/IR, MULTIACCUM, GRISM1024 | F140W | NSAMP=8; SAMP-SEQ=STEP2 5 | POS TARG 0.881,6.064 | Sequence 5-6 Non-Int in 1502+0257 (08) | 99.231256 Secs (99.231 Secs) [==>] | [1] |
| | 6 | G141 Dither2 | (8) SDSSJ1502+0257 7 | WFC3/IR, MULTIACCUM, GRISM1024 | G141 | NSAMP=11; SAMP-SEQ=SPAR S50 | SAME POS AS 5 | Sequence 5-6 Non-Int in 1502+0257 (08) | 502.936801 Secs (502.937 Secs) [==>] | [1] |
| | 7 | G141 Dither3 | (8) SDSSJ1502+0257 7 | WFC3/IR, MULTIACCUM, GRISM1024 | G141 | NSAMP=10; SAMP-SEQ=SPAR S50 | SAME POS AS 8 | Sequence 7-8 Non-Int in 1502+0257 (08) | 452.93635 Secs (452.936 Secs) [==>] | [1] |
| | 8 | F140W Dither3 | (8) SDSSJ1502+0257 7 | WFC3/IR, MULTIACCUM, GRISM1024 | F140W | NSAMP=8; SAMP-SEQ=STEP2 5 | POS TARG -0.474,-2.851 | Sequence 7-8 Non-Int in 1502+0257 (08) | 99.231256 Secs (99.231 Secs) [==>] | [1] |



Proposal 17143 - 1625+4309 (09) - Identification of dual quasars with close separations at $z > 1$

Mon Jun 17 12:00:32 GMT 2024

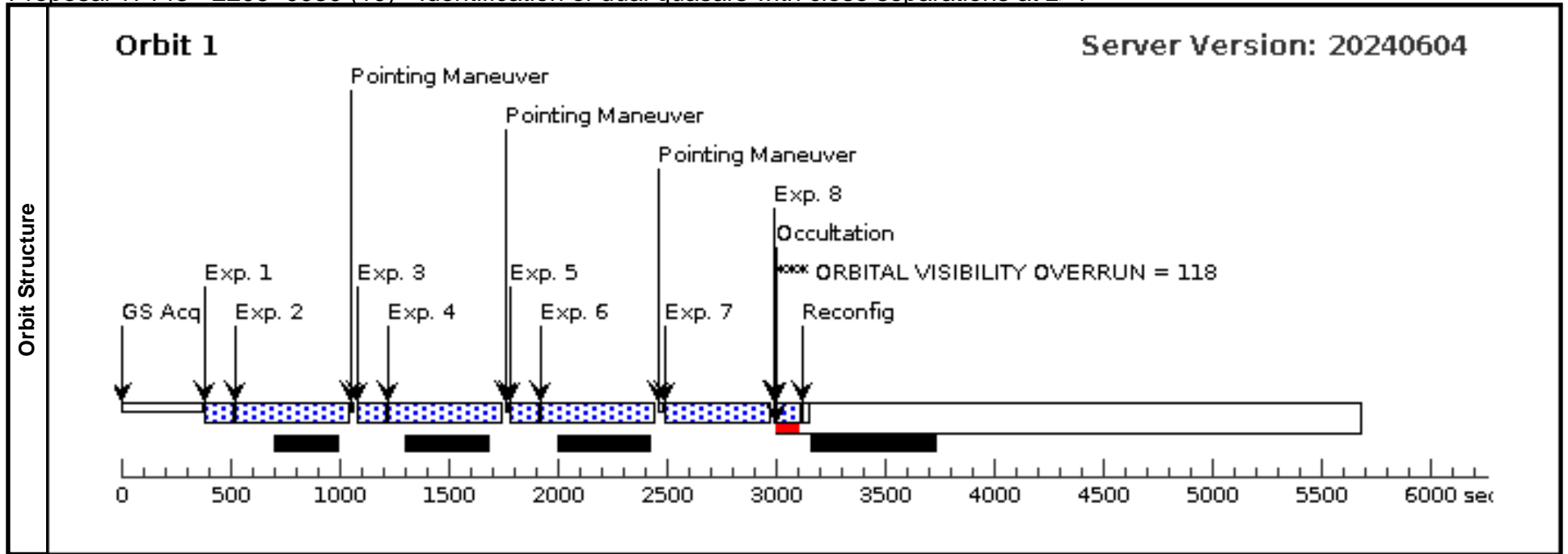
| Visit | Proposal 17143, 1625+4309 (09), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: ORIENT 99D TO 129 D | | | | | | | | | |
|---------------|---|---|--------------------|--|--------------------------|-------------------------------|------------------------|--|---|-------|
| | Diagnostics | (1625+4309 (09)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (1625+4309 (09)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (1625+4309 (09)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (1625+4309 (09)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE | | | | | | | | |
| Fixed Targets | | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | |
| | | (9) | SDSSJ1625+4309 | RA: 16 25 1.9812 (246.2582550d) Dec: +43 09 31.60 (43.15878d) Equinox: J2000 | Redshift: 1.6468 | V=19.0 | Reference Frame: ICRS | | | |
| | <i>Comments:</i> Category=GALAXY Description=[OSO, QUASAR] | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | F140W | (9) SDSSJ1625+4309 | WFC3/IR, MULTIACCUM, GRISM1024 | F140W | NSAMP=8; SAMP-SEQ=STEP25 | | Sequence 1-2 Non-Int in 1625+4309 (09) | 99.231256 Secs (99.231 Secs) [==>] | [1] |
| | 2 | G141 | (9) SDSSJ1625+4309 | WFC3/IR, MULTIACCUM, GRISM1024 | G141 | NSAMP=11; SAMP-SEQ=SPARS50 | | Sequence 1-2 Non-Int in 1625+4309 (09) | 502.936801 Secs (502.937 Secs) [==>] | [1] |
| | 3 | F140W Dither1 | (9) SDSSJ1625+4309 | WFC3/IR, MULTIACCUM, GRISM1024 | F140W | NSAMP=9; SAMP-SEQ=STEP25 | POS TARG 1.355,2.85 | Sequence 3-4 Non-Int in 1625+4309 (09) | 124.231771 Secs (124.232 Secs) [==>] | [1] |
| | 4 | G141 Dither1 | (9) SDSSJ1625+4309 | WFC3/IR, MULTIACCUM, GRISM1024 | G141 | NSAMP=11; SAMP-SEQ=SPARS50 | SAME POS AS 3 | Sequence 3-4 Non-Int in 1625+4309 (09) | 502.936801 Secs (502.937 Secs) [==>] | [1] |
| | 5 | F140W Dither2 | (9) SDSSJ1625+4309 | WFC3/IR, MULTIACCUM, GRISM1024 | F140W | NSAMP=8; SAMP-SEQ=STEP25 | POS TARG 0.881,6.064 | Sequence 5-6 Non-Int in 1625+4309 (09) | 99.231256 Secs (99.231 Secs) [==>] | [1] |
| | 6 | G141 Dither2 | (9) SDSSJ1625+4309 | WFC3/IR, MULTIACCUM, GRISM1024 | G141 | NSAMP=11; SAMP-SEQ=SPARS50 | SAME POS AS 5 | Sequence 5-6 Non-Int in 1625+4309 (09) | 502.936801 Secs (502.937 Secs) [==>] | [1] |
| | 7 | G141 Dither3 | (9) SDSSJ1625+4309 | WFC3/IR, MULTIACCUM, GRISM1024 | G141 | NSAMP=11; SAMP-SEQ=SPARS50 | SAME POS AS 8 | Sequence 7-8 Non-Int in 1625+4309 (09) | 502.936801 Secs (502.937 Secs) [==>] | [1] |
| | 8 | F140W Dither3 | (9) SDSSJ1625+4309 | WFC3/IR, MULTIACCUM, GRISM1024 | F140W | NSAMP=8; SAMP-SEQ=STEP25 | POS TARG -0.474,-2.851 | Sequence 7-8 Non-Int in 1625+4309 (09) | 99.231256 Secs (99.231 Secs) [==>] | [1] |



Proposal 17143 - 2206+0030 (10) - Identification of dual quasars with close separations at $z > 1$

Mon Jun 17 12:00:32 GMT 2024

| | | | | | | | | | | |
|----------------------|---|----------------|---|--------------------------------|---------------|-------------------------------|------------------------|--|---|-------|
| Visit | Proposal 17143, 2206+0030 (10), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: ORIENT 180D TO 220 D | | | | | | | | | |
| | (2206+0030 (10)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (2206+0030 (10)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (2206+0030 (10)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (2206+0030 (10)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (10) | SDSSJ2206+0030 | RA: 22 06 42.8247 (331.6784363d) Dec: +00 30 16.30 (.50453d) Equinox: J2000 | Redshift: 1.4444 | V=20.5 | Reference Frame: ICRS | | | | |
| | Comments: Category=GALAXY Description=[OSO, QUASAR] | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | F140W | (10) SDSSJ2206+0030 | WFC3/IR, MULTIACCUM, GRISM1024 | F140W | NSAMP=8; SAMP-SEQ=STEP25 | | Sequence 1-2 Non-Int in 2206+0030 (10) | 99.231256 Secs (99.231 Secs) [==>] | [1] |
| | 2 | G141 | (10) SDSSJ2206+0030 | WFC3/IR, MULTIACCUM, GRISM1024 | G141 | NSAMP=11; SAMP-SEQ=SPARS50 | | Sequence 1-2 Non-Int in 2206+0030 (10) | 502.936801 Secs (502.937 Secs) [==>] | [1] |
| | 3 | F140W Dither1 | (10) SDSSJ2206+0030 | WFC3/IR, MULTIACCUM, GRISM1024 | F140W | NSAMP=8; SAMP-SEQ=STEP25 | POS TARG 1.355,2.85 | Sequence 3-4 Non-Int in 2206+0030 (10) | 99.231256 Secs (99.231 Secs) [==>] | [1] |
| | 4 | G141 Dither1 | (10) SDSSJ2206+0030 | WFC3/IR, MULTIACCUM, GRISM1024 | G141 | NSAMP=11; SAMP-SEQ=SPARS50 | SAME POS AS 3 | Sequence 3-4 Non-Int in 2206+0030 (10) | 502.936801 Secs (502.937 Secs) [==>] | [1] |
| | 5 | F140W Dither2 | (10) SDSSJ2206+0030 | WFC3/IR, MULTIACCUM, GRISM1024 | F140W | NSAMP=8; SAMP-SEQ=STEP25 | POS TARG 0.881,6.064 | Sequence 5-6 Non-Int in 2206+0030 (10) | 99.231256 Secs (99.231 Secs) [==>] | [1] |
| | 6 | G141 Dither2 | (10) SDSSJ2206+0030 | WFC3/IR, MULTIACCUM, GRISM1024 | G141 | NSAMP=11; SAMP-SEQ=SPARS50 | SAME POS AS 5 | Sequence 5-6 Non-Int in 2206+0030 (10) | 502.936801 Secs (502.937 Secs) [==>] | [1] |
| | 7 | G141 Dither3 | (10) SDSSJ2206+0030 | WFC3/IR, MULTIACCUM, GRISM1024 | G141 | NSAMP=10; SAMP-SEQ=SPARS50 | SAME POS AS 8 | Sequence 7-8 Non-Int in 2206+0030 (10) | 452.93635 Secs (452.936 Secs) [==>] | [1] |
| | 8 | F140W Dither3 | (10) SDSSJ2206+0030 | WFC3/IR, MULTIACCUM, GRISM1024 | F140W | NSAMP=8; SAMP-SEQ=STEP25 | POS TARG -0.474,-2.851 | Sequence 7-8 Non-Int in 2206+0030 (10) | 99.231256 Secs (99.231 Secs) [==>] | [1] |



Proposal 17143 - 2304-0038 (11) - Identification of dual quasars with close separations at z>1

Mon Jun 17 12:00:32 GMT 2024

| Visit | Proposal 17143, 2304-0038 (11), completed Diagnostic Status: Warning Scientific Instruments: WFC3/IR Special Requirements: ORIENT 70D TO 100 D | | | | | | | | | |
|---|---|--|---|--------------------------------|--------------------------|--------------------------------|-------------------------|--|---|-------|
| | Diagnostics | (2304-0038 (11)) Warning (Orbit Planner): GS ACQ SCENARIO REQUESTED INCONSISTENT WITH VISIT GYRO MODE (2304-0038 (11)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (2304-0038 (11)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (2304-0038 (11)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (2304-0038 (11)) Warning (Orbit Planner): SAME POS MAY NOT BE APPROPRIATE (F105W (11.001) special requirements) Warning (Form): The specified GS Acq Scenario is not in the current list of valid scenarios. | | | | | | | | |
| Fixed Targets | | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | |
| | (11) | SDSSJ2304-0038 | RA: 23 04 2.7789 (346.0115788d) Dec: -00 38 55.48 (-.64874d) Equinox: J2000 | Redshift: 2.775 | V=20.6 | Reference Frame: ICRS | | | | |
| Comments: Category=GALAXY Description=[QSO, QUASAR] | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | F105W | (11) SDSSJ2304-0038 | WFC3/IR, MULTIACCUM, GRISM1024 | F105W | NSAMP=8; SAMP-SEQ=STEP25 | GS ACQ SCENARIO BASE1B3 | Sequence 1-2 Non-Int in 2304-0038 (11) | 99.231256 Secs (99.231 Secs) [==>] | [1] |
| | 2 | G102 | (11) SDSSJ2304-0038 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=11; SAMP-SEQ=SPAR S50 | | Sequence 1-2 Non-Int in 2304-0038 (11) | 502.936801 Secs (502.937 Secs) [==>] | [1] |
| | 3 | F105W Dither1 | (11) SDSSJ2304-0038 | WFC3/IR, MULTIACCUM, GRISM1024 | F105W | NSAMP=8; SAMP-SEQ=STEP25 | POS TARG 1.355,2.85 | Sequence 3-4 Non-Int in 2304-0038 (11) | 99.231256 Secs (99.231 Secs) [==>] | [1] |
| | 4 | G102 Dither1 | (11) SDSSJ2304-0038 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=11; SAMP-SEQ=SPAR S50 | SAME POS AS 3 | Sequence 3-4 Non-Int in 2304-0038 (11) | 502.936801 Secs (502.937 Secs) [==>] | [1] |
| | 5 | F105W Dither2 | (11) SDSSJ2304-0038 | WFC3/IR, MULTIACCUM, GRISM1024 | F105W | NSAMP=8; SAMP-SEQ=STEP25 | POS TARG 0.881,6.064 | Sequence 5-6 Non-Int in 2304-0038 (11) | 99.231256 Secs (99.231 Secs) [==>] | [1] |
| | 6 | G102 Dither2 | (11) SDSSJ2304-0038 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=11; SAMP-SEQ=SPAR S50 | SAME POS AS 5 | Sequence 5-6 Non-Int in 2304-0038 (11) | 502.936801 Secs (502.937 Secs) [==>] | [1] |
| | 7 | G102 Dither3 | (11) SDSSJ2304-0038 | WFC3/IR, MULTIACCUM, GRISM1024 | G102 | NSAMP=10; SAMP-SEQ=SPAR S50 | SAME POS AS 8 | Sequence 7-8 Non-Int in 2304-0038 (11) | 452.93635 Secs (452.936 Secs) [==>] | [1] |
| | 8 | F105W Dither3 | (11) SDSSJ2304-0038 | WFC3/IR, MULTIACCUM, GRISM1024 | F105W | NSAMP=9; SAMP-SEQ=STEP25 | POS TARG -0.474,-2.851 | Sequence 7-8 Non-Int in 2304-0038 (11) | 124.231771 Secs (124.232 Secs) [==>] | [1] |

