



15901 - The Metallicity Distribution Functions of Ultra-Faint Dwarf Galaxies

Cycle: 27, Proposal Category: GO

(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

| <i>Visit</i> | <i>Targets used in Visit</i> | <i>Configurations used in Visit</i> | <i>Orbits Used</i> | <i>Last Orbit Planner Run</i> | <i>OP Current with Visit?</i> |
|--------------|------------------------------|-------------------------------------|--------------------|-------------------------------|-------------------------------|
| 01 | (18) ERIDANUS-II ANY | ACS/WFC WFC3/UVIS | 2 | 14-Aug-2020 11:01:05.0 | yes |
| 02 | (17) SAGITTARIUS-II ANY | ACS/WFC WFC3/UVIS | 2 | 14-Aug-2020 11:01:07.0 | yes |
| 03 | (16) PISCES-II ANY | ACS/WFC WFC3/UVIS | 2 | 14-Aug-2020 11:01:08.0 | yes |

Proposal 15901 (STScI Edit Number: 4, Created: Friday, August 14, 2020 at 10:01:39 AM Eastern Standard Time) - Overview

| <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> |
|--------------|------------------------------|-------------------------------------|--------------------|-------------------------------|-------------------------------|
| 04 | (13) INDUS-II ANY | ACS/WFC WFC3/UVIS | 2 | 14-Aug-2020 11:01:10.0 | yes |
| 05 | (12) HOROLOGIUM-I ANY | ACS/WFC WFC3/UVIS | 2 | 14-Aug-2020 11:01:11.0 | yes |
| 06 | (9) PICTORIS-I ANY | ACS/WFC WFC3/UVIS | 2 | 14-Aug-2020 11:01:13.0 | yes |
| 07 | (8) PHOENIX-II ANY | ACS/WFC WFC3/UVIS | 2 | 14-Aug-2020 11:01:14.0 | yes |
| 08 | (7) WILLMAN-I ANY | ACS/WFC WFC3/UVIS | 2 | 14-Aug-2020 11:01:16.0 | yes |
| 09 | (6) RETICULUM-II ANY | ACS/WFC WFC3/UVIS | 2 | 14-Aug-2020 11:01:17.0 | yes |
| 10 | (4) ERIDANUS-III ANY | ACS/WFC WFC3/UVIS | 2 | 14-Aug-2020 11:01:19.0 | yes |
| 11 | (15) CVN-II-DSPH ANY | ACS/WFC WFC3/UVIS | 3 | 14-Aug-2020 11:01:21.0 | yes |
| 12 | (14) HYDRA-II ANY | ACS/WFC WFC3/UVIS | 3 | 14-Aug-2020 11:01:23.0 | yes |
| 13 | (11) GRUS-I ANY | ACS/WFC WFC3/UVIS | 4 | 14-Aug-2020 11:01:25.0 | yes |
| 14 | (5) SEGUE-II ANY | ACS/WFC WFC3/UVIS | 4 | 14-Aug-2020 11:01:29.0 | yes |
| 15 | (2) SEGUE-I ANY | ACS/WFC WFC3/UVIS | 4 | 14-Aug-2020 11:01:32.0 | yes |
| 16 | (10) RETICULUM-III ANY | ACS/WFC WFC3/UVIS | 3 | 14-Aug-2020 11:01:34.0 | yes |
| 17 | (3) TUCANA-V ANY | ACS/WFC WFC3/UVIS | 2 | 14-Aug-2020 11:01:35.0 | 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> |
|--------------|------------------------------|-------------------------------------|--------------------|-------------------------------|-------------------------------|
| 18 | (1) DRACO-II ANY | ACS/WFC WFC3/UVIS | 3 | 14-Aug-2020 11:01:37.0 | yes |
| Z6 | (9) PICTORIS-I ANY | ACS/WFC WFC3/UVIS | 2 | 14-Aug-2020 11:01:38.0 | yes |

48 Total Orbits Used

ABSTRACT

Ultra-faint dwarf galaxies (UFDs) are fossil galaxies from the reionization era that have varied internal metallicity spreads (up to 0.8 dex), suggestive of remarkably complex star formation and enrichment processes (e.g., neutron star mergers) for such small galaxies. However, only a handful of stars in each system are bright enough for spectroscopic metallicity measurement from the ground. We propose deep WFC3/UVIS F395N (Ca H & K) imaging to measure [Fe/H] for individual stars in 18 UFDs that orbit the Milky Way (MW). Our Ca H & K photometry will increase the number of stars in these 18 systems with accurate metallicities (~ 0.1 - 0.2 dex) by a factor of 30 (from ~ 80 to ~ 2000), making this the largest-ever study of metallicities in UFDs. In this program we will (1) construct and characterize the first metallicity distribution functions (MDFs) for each UFD from > 100 stars; (2) undertake a systematic search for extremely metal-poor stars in UFDs; (3) use our MDFs, Gaia-based orbital histories, and HST-based star formation histories to track the evolution of UFDs from their formation in the early Universe to when they quenched; (4) publish membership information for community spectroscopic followup.

This program will fundamentally transform our understanding how the lowest-mass galaxies in the Universe form and evolve. It is only possible due to the excellent blue-optical sensitivity of HST -- no other ground- or space-based facility can acquire this data. This novel, new use of HST will establish it as a leader for measuring metallicities of resolved stellar populations outside the MW, further expanding its legacy for nearby galaxy studies.

OBSERVING DESCRIPTION

This program will obtain F395N (Ca H & K) and F475W of 18 ultra-faint dwarf galaxies (UFDs) around the Milky Way using WFC3/UVIS. The combination of F395N and F475W imaging plus deep archival F814W imaging enables the measurement of stellar metallicity from photometry. Using this photometric metallicity technique, we will measure metallicities of stars in each galaxy down to $F475W \sim 24.5$.

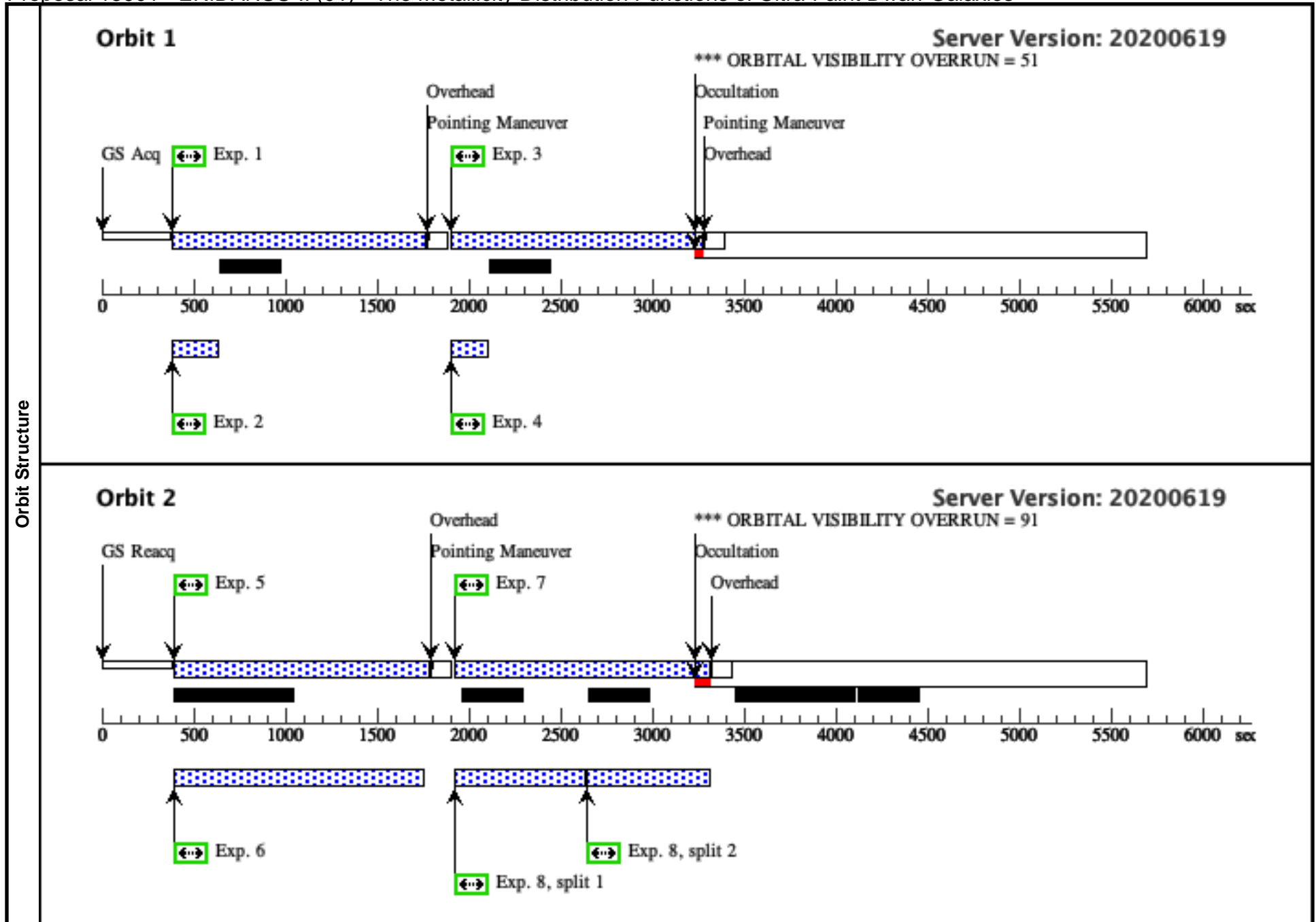
Proposal 15901 (STScI Edit Number: 4, Created: Friday, August 14, 2020 at 10:01:39 AM Eastern Standard Time) - Overview

Most of the orbit allocation is dedicated to F395N imaging. Modest F475W exposures are included to provide $S/N > 10$ at $F475W \sim 24.5$. We include one 30-second exposure in F475W filter to avoid saturating the stars at ~ 16 magnitude red giant branch stars. We use single visits for each galaxy. Most galaxies have 2 orbit visits. In each orbit, we include one F475W exposure and 4 long F395N exposures. For 3 galaxies we make use of CVZ orbits. Small dithers are performed between orbits in order to remove hot pixels and to smooth the detector response. We do not cover the chip gap. Dithers are implemented using POS-TARG requirements following the dither pattern optimized for measuring proper motions of nearby galaxies from previous Treasury programs (i.e., shifts of about 2 pixels). We will obtain coordinated parallel exposures with ACS in F475W and F814W filters to construct color-magnitude diagrams in an outer region of the galaxies to help with statistical removal of non-member stars, which is necessary for some of our science goals. Due to an unresolved disagreement with the TTRB over wording in the Phase I proposal of HST-GO-15902, we were required to remove any orient constraints from this program as well.

Proposal 15901 - ERIDANUS-II (01) - The Metallicity Distribution Functions of Ultra-Faint Dwarf Galaxies

Fri Aug 14 15:01:39 GMT 2020

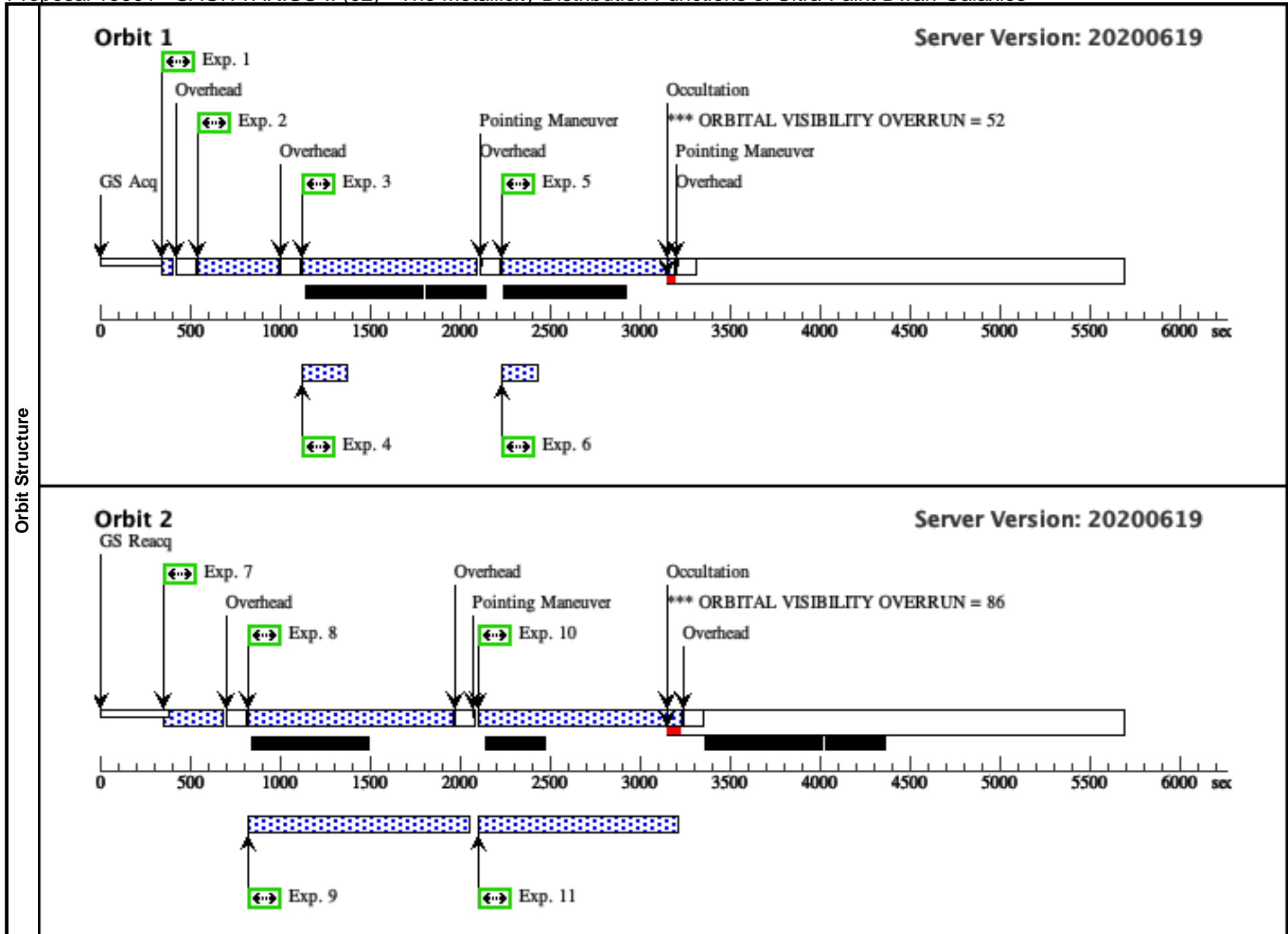
| | | | | | | | | | | |
|---|---|--------------|---|---------------------------------|----------------------|--------------------------|----------------------|--|---|--------------|
| Visit | Proposal 15901, ERIDANUS-II (01), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none) | | | | | | | | | |
| | (ERIDANUS-II (01)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (ERIDANUS-II (01)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (18) | ERIDANUS-II | RA: 03 44 21.0200 (56.0875833d) Dec: -43 31 57.60 (-43.53267d) Equinox: J2000 | | V=16.3 | Reference Frame: SIMBAD | | | | |
| <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[DWARF SPHEROIDAL] | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (18) ERIDANUS-II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | | Prime + Parallel Group 1-2 in ERIDANUS-II (01) | 1350 Secs (1350 Secs) [==>] | [1] |
| | 2 | ANY | | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | Prime + Parallel Group 1-2 in ERIDANUS-II (01) | 30 Secs (30 Secs) [==>] | [1] |
| | 3 | | (18) ERIDANUS-II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | POS TARG 0.148,0.086 | Prime + Parallel Group 3-4 in ERIDANUS-II (01) | 1377 Secs (1377 Secs) [==>] | [1] |
| | 4 | ANY | | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | Prime + Parallel Group 3-4 in ERIDANUS-II (01) | 30 Secs (30 Secs) [==>] | [1] |
| | 5 | | (18) ERIDANUS-II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | POS TARG 0.222,0.240 | Prime + Parallel Group 5-6 in ERIDANUS-II (01) | 1395 Secs (1395 Secs) [==>] | [2] |
| | 6 | ANY | | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | Prime + Parallel Group 5-6 in ERIDANUS-II (01) | 1200 Secs (1200 Secs) [==>] | [2] |
| | 7 | | (18) ERIDANUS-II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | POS TARG 0.074,0.154 | Prime + Parallel Group 7-8 in ERIDANUS-II (01) | 1395 Secs (1395 Secs) [==>] | [2] |
| | 8 | ANY | | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=2 | | Prime + Parallel Group 7-8 in ERIDANUS-II (01) | 1090 Secs (1090 Secs) [==>(Split 1)] [==>(Split 2)] | [2] |



Proposal 15901 - SAGITTARIUS-II (02) - The Metallicity Distribution Functions of Ultra-Faint Dwarf Galaxies

Fri Aug 14 15:01:39 GMT 2020

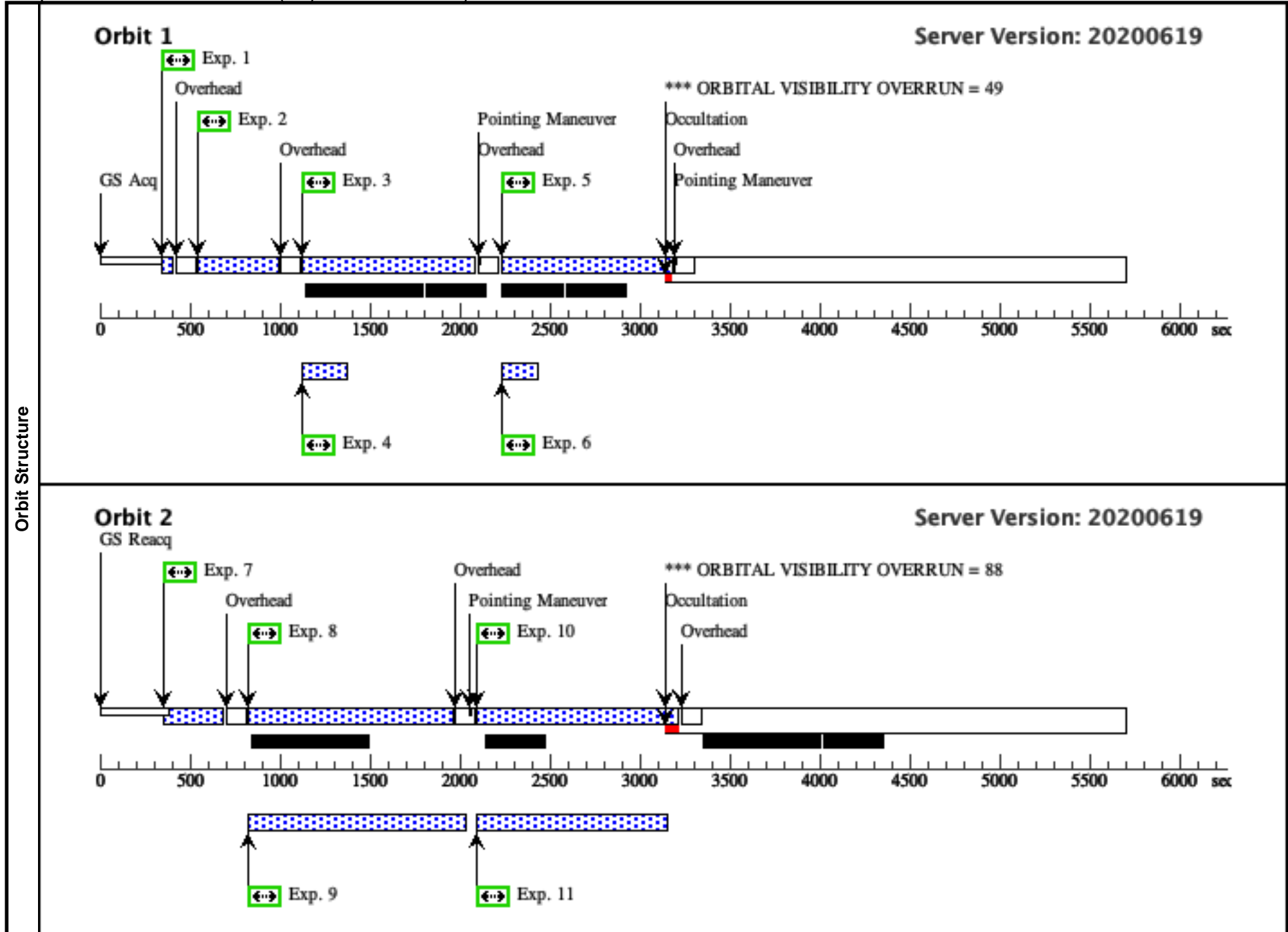
| | | | | | | | | | | |
|--|--|----------------|---|---------------------------------|----------------------|--------------------------|---|---|--|--------------|
| Visit | Proposal 15901, SAGITTARIUS-II (02), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none) | | | | | | | | | |
| | (SAGITTARIUS-II (02)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (SAGITTARIUS-II (02)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (17) | SAGITTARIUS-II | RA: 19 52 40.5120 (298.1688000d) Dec: -22 04 5.16 (-22.06810d) Equinox: J2000 | | V=13.9 | Reference Frame: ICRS | | | | |
| Comments: Category=GALAXY Description=[DWARF SPHEROIDAL] | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (17) SAGITTARIUS -II | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=12; CR-SPLIT=NO | | | 30 Secs (30 Secs) [==>] | [1] |
| | 2 | | (17) SAGITTARIUS -II | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=5; CR-SPLIT=NO | SAME POS AS 1 | | 450 Secs (450 Secs) [==>] | [1] |
| | 3 | | (17) SAGITTARIUS -II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | | Prime + Parallel Group 3-4 in SAGITTARIUS-II (02) | 960 Secs (960 Secs) [==>] | [1] |
| | 4 | | ANY | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | Prime + Parallel Group 3-4 in SAGITTARIUS-II (02) | 30 Secs (30 Secs) [==>] | [1] |
| | 5 | | (17) SAGITTARIUS -II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | POS TARG 0.148,0.086 | Prime + Parallel Group 5-6 in SAGITTARIUS-II (02) | 959 Secs (959 Secs) [==>] | [1] |
| | 6 | | ANY | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | Prime + Parallel Group 5-6 in SAGITTARIUS-II (02) | 30 Secs (30 Secs) [==>] | [1] |
| | 7 | | (17) SAGITTARIUS -II | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=8; CR-SPLIT=NO | POS TARG 0.222,0.240 | | 300 Secs (300 Secs) [==>] | [2] |
| | 8 | | (17) SAGITTARIUS -II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | SAME POS AS 7 | Prime + Parallel Group 8-9 in SAGITTARIUS-II (02) | 1130 Secs (1130 Secs) [==>] | [2] |
| | 9 | | ANY | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | Prime + Parallel Group 8-9 in SAGITTARIUS-II (02) | 1070 Secs (1070 Secs) [==>] | [2] |
| | 10 | | (17) SAGITTARIUS -II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | POS TARG 0.074,0.154 | Prime + Parallel Group 10-11 in SAGITTARIUS-II (02) | 1130 Secs (1130 Secs) [==>] | [2] |
| 11 | | ANY | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | Prime + Parallel Group 10-11 in SAGITTARIUS-II (02) | 950 Secs (950 Secs) [==>] | [2] | |



Proposal 15901 - PISCES-II (03) - The Metallicity Distribution Functions of Ultra-Faint Dwarf Galaxies

Fri Aug 14 15:01:39 GMT 2020

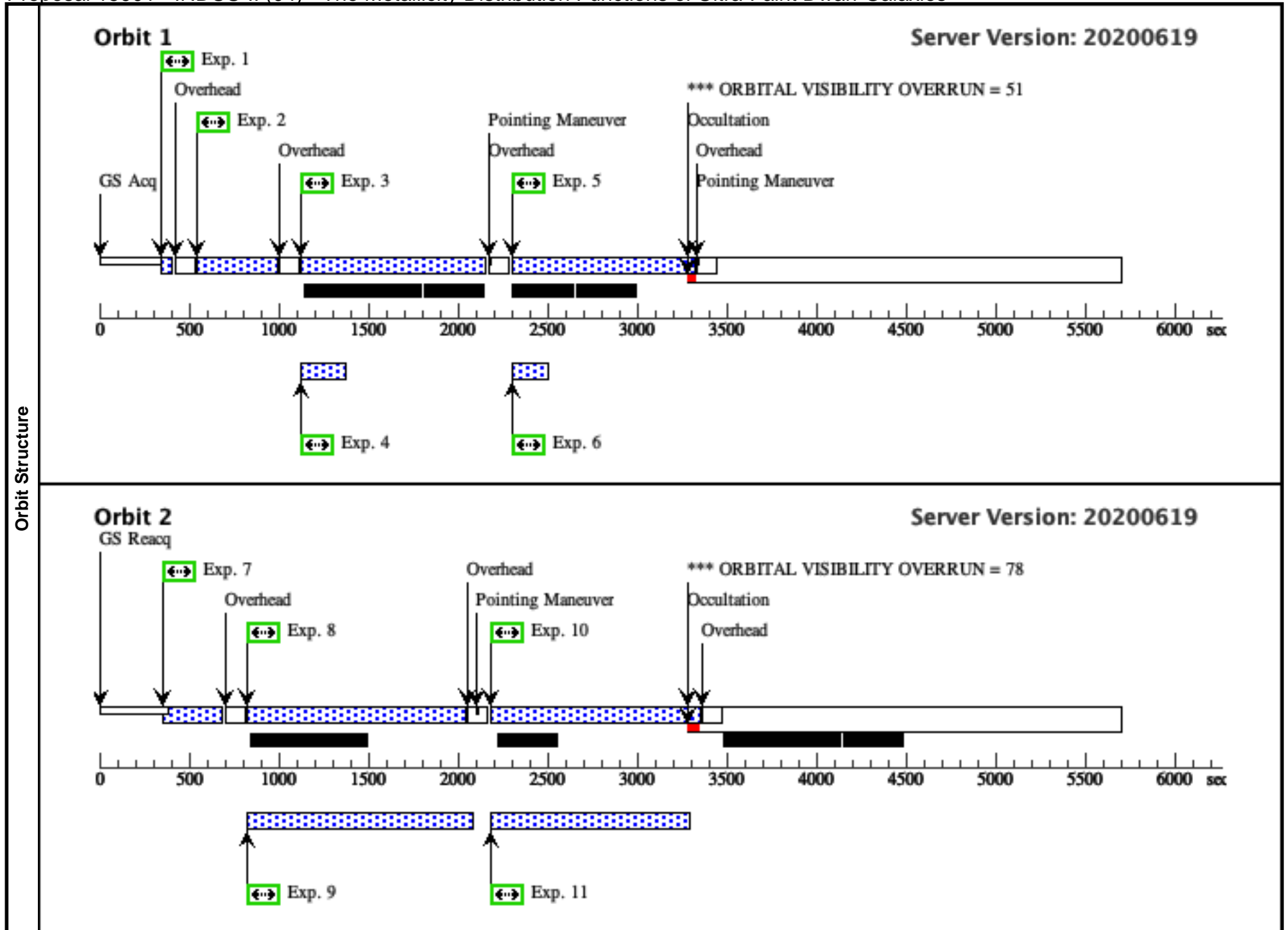
| | | | | | | | | | | |
|---|--|----------------|--|---------------------------------|----------------------|--------------------------|--|--|--|--------------|
| Visit | Proposal 15901, PISCES-II (03), scheduling Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none) | | | | | | | | | |
| | (PISCES-II (03)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (PISCES-II (03)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (16) | PISCES-II | RA: 22 58 32.3000 (344.6345833d) Dec: +05 57 18.00 (5.95500d) Equinox: J2000 | | V=16.3 | Reference Frame: SIMBAD | | | | |
| <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[DWARF SPHEROIDAL] | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | (16) PISCES-II | | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=12; CR-SPLIT=NO | | | 30 Secs (30 Secs) [==>] | [1] |
| | 2 | (16) PISCES-II | | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=5; CR-SPLIT=NO | SAME POS AS 1 | | 450 Secs (450 Secs) [==>] | [1] |
| | 3 | (16) PISCES-II | | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | | Prime + Parallel Group 3-4 in PISCES-II (03) | 952 Secs (952 Secs) [==>] | [1] |
| | 4 | ANY | | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | Prime + Parallel Group 3-4 in PISCES-II (03) | 30 Secs (30 Secs) [==>] | [1] |
| | 5 | (16) PISCES-II | | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | POS TARG 0.148,0.086 | Prime + Parallel Group 5-6 in PISCES-II (03) | 952 Secs (952 Secs) [==>] | [1] |
| | 6 | ANY | | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | Prime + Parallel Group 5-6 in PISCES-II (03) | 30 Secs (30 Secs) [==>] | [1] |
| | 7 | (16) PISCES-II | | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=8; CR-SPLIT=NO | POS TARG 0.222,0.240 | | 300 Secs (300 Secs) [==>] | [2] |
| | 8 | (16) PISCES-II | | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | SAME POS AS 7 | Prime + Parallel Group 8-9 in PISCES-II (03) | 1125 Secs (1125 Secs) [==>] | [2] |
| | 9 | ANY | | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | Prime + Parallel Group 8-9 in PISCES-II (03) | 1050 Secs (1050 Secs) [==>] | [2] |
| | 10 | (16) PISCES-II | | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10 | POS TARG 0.074,0.154 | Prime + Parallel Group 10-11 in PISCES-II (03) | 1125 Secs (1125 Secs) [==>] | [2] |
| 11 | ANY | | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 10-11 in PISCES-II (03) | 900 Secs (900 Secs) [==>] | [2] | |



Proposal 15901 - INDUS-II (04) - The Metallicity Distribution Functions of Ultra-Faint Dwarf Galaxies

Fri Aug 14 15:01:40 GMT 2020

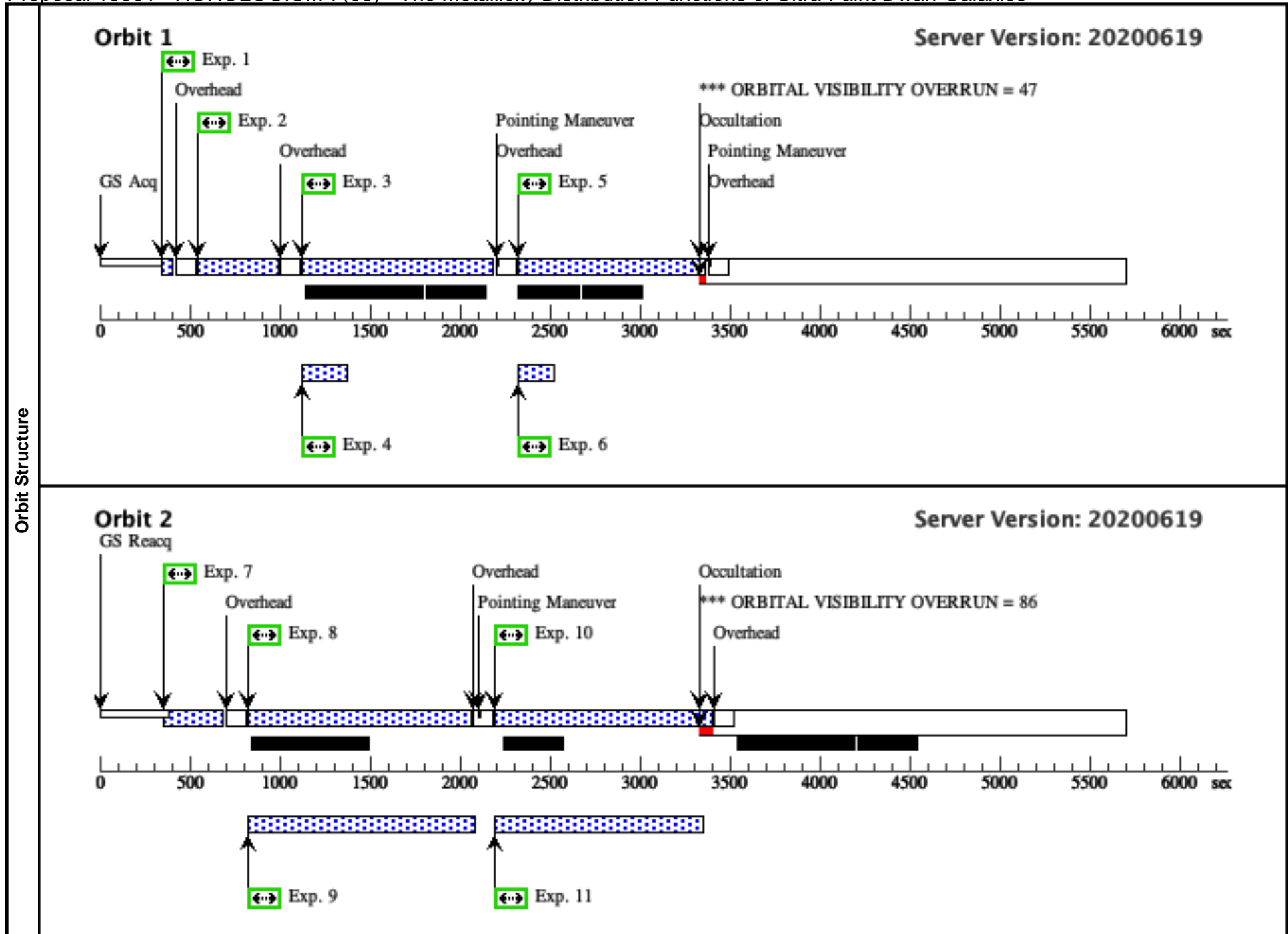
| | | | | | | | | | | |
|--|--|---------------|--|---------------------------------|----------------------|--------------------------|--|--|--|--------------|
| Visit | Proposal 15901, INDUS-II (04), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none) | | | | | | | | | |
| | (INDUS-II (04)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (INDUS-II (04)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (13) | INDUS-II | RA: 20 38 51.6500 (309.7152083d) Dec: -46 09 39.70 (-46.16103d) Equinox: J2000 | | V=16.5 | Reference Frame: SIMBAD | | | | |
| Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[DWARF SPHEROIDAL] | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | (13) INDUS-II | INDUS-II | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=12; CR-SPLIT=NO | | | 30 Secs (30 Secs) [==>] | [1] |
| | 2 | (13) INDUS-II | INDUS-II | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=5; CR-SPLIT=NO | SAME POS AS 1 | | 450 Secs (450 Secs) [==>] | [1] |
| | 3 | (13) INDUS-II | INDUS-II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | | Prime + Parallel Group 3-4 in INDUS-II (04) | 1023 Secs (1023 Secs) [==>] | [1] |
| | 4 | ANY | ANY | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | Prime + Parallel Group 3-4 in INDUS-II (04) | 30 Secs (30 Secs) [==>] | [1] |
| | 5 | (13) INDUS-II | INDUS-II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | POS TARG 0.148,0.086 | Prime + Parallel Group 5-6 in INDUS-II (04) | 1023 Secs (1023 Secs) [==>] | [1] |
| | 6 | ANY | ANY | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | Prime + Parallel Group 5-6 in INDUS-II (04) | 30 Secs (30 Secs) [==>] | [1] |
| | 7 | (13) INDUS-II | INDUS-II | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=8; CR-SPLIT=NO | POS TARG 0.222,0.240 | | 300 Secs (300 Secs) [==>] | [2] |
| | 8 | (13) INDUS-II | INDUS-II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | SAME POS AS 7 | Prime + Parallel Group 8-9 in INDUS-II (04) | 1210 Secs (1210 Secs) [==>] | [2] |
| | 9 | ANY | ANY | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | Prime + Parallel Group 8-9 in INDUS-II (04) | 1100 Secs (1100 Secs) [==>] | [2] |
| | 10 | (13) INDUS-II | INDUS-II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | POS TARG 0.074,0.154 | Prime + Parallel Group 10-11 in INDUS-I (04) | 1170 Secs (1170 Secs) [==>] | [2] |
| 11 | ANY | ANY | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | Prime + Parallel Group 10-11 in INDUS-I (04) | 950 Secs (950 Secs) [==>] | [2] | |



Proposal 15901 - HOROLOGIUM-I (05) - The Metallicity Distribution Functions of Ultra-Faint Dwarf Galaxies

Fri Aug 14 15:01:40 GMT 2020

| | | | | | | | | | | |
|--|--|--------------|--|---------------------------------|----------------------|--------------------------|---|---|--|--------------|
| Visit | Proposal 15901, HOROLOGIUM-I (05), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none) | | | | | | | | | |
| | (HOROLOGIUM-I (05)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HOROLOGIUM-I (05)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (12) | HOROLOGIUM-I | RA: 02 55 33.1000 (43.8879167d) Dec: -54 07 6.60 (-54.11850d) Equinox: J2000 | | V=16.0 | Reference Frame: SIMBAD | | | | |
| Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[DWARF SPHEROIDAL] | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | | (12) HOROLOGIUM-I | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=12; CR-SPLIT=NO | | Prime + Parallel Group 3-4 in HOROLOGIUM-I (05) | 30 Secs (30 Secs) [==>] | [1] |
| | 2 | | (12) HOROLOGIUM-I | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=5; CR-SPLIT=NO | SAME POS AS 1 | | 450 Secs (450 Secs) [==>] | [1] |
| | 3 | | (12) HOROLOGIUM-I | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | | Prime + Parallel Group 3-4 in HOROLOGIUM-I (05) | 1045 Secs (1045 Secs) [==>] | [1] |
| | 4 | | ANY | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | Prime + Parallel Group 3-4 in HOROLOGIUM-I (05) | 30 Secs (30 Secs) [==>] | [1] |
| | 5 | | (12) HOROLOGIUM-I | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | POS TARG 0.148,0.086 | Prime + Parallel Group 5-6 in HOROLOGIUM-I (05) | 1045 Secs (1045 Secs) [==>] | [1] |
| | 6 | | ANY | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | Prime + Parallel Group 5-6 in HOROLOGIUM-I (05) | 30 Secs (30 Secs) [==>] | [1] |
| | 7 | | (12) HOROLOGIUM-I | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=8; CR-SPLIT=NO | POS TARG 0.222,0.240 | | 300 Secs (300 Secs) [==>] | [2] |
| | 8 | | (12) HOROLOGIUM-I | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | SAME POS AS 7 | Prime + Parallel Group 8-9 in HOROLOGIUM-I (05) | 1225 Secs (1225 Secs) [==>] | [2] |
| | 9 | | ANY | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | Prime + Parallel Group 8-9 in HOROLOGIUM-I (05) | 1100 Secs (1100 Secs) [==>] | [2] |
| | 10 | | (12) HOROLOGIUM-I | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | POS TARG 0.074,0.154 | Prime + Parallel Group 10-11 in HOROLOGIUM-I (05) | 1211 Secs (1211 Secs) [==>] | [2] |
| 11 | | ANY | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | Prime + Parallel Group 10-11 in HOROLOGIUM-I (05) | 1000 Secs (1000 Secs) [==>] | [2] | |



Proposal 15901 - PICTORIS-I (06) - The Metallicity Distribution Functions of Ultra-Faint Dwarf Galaxies

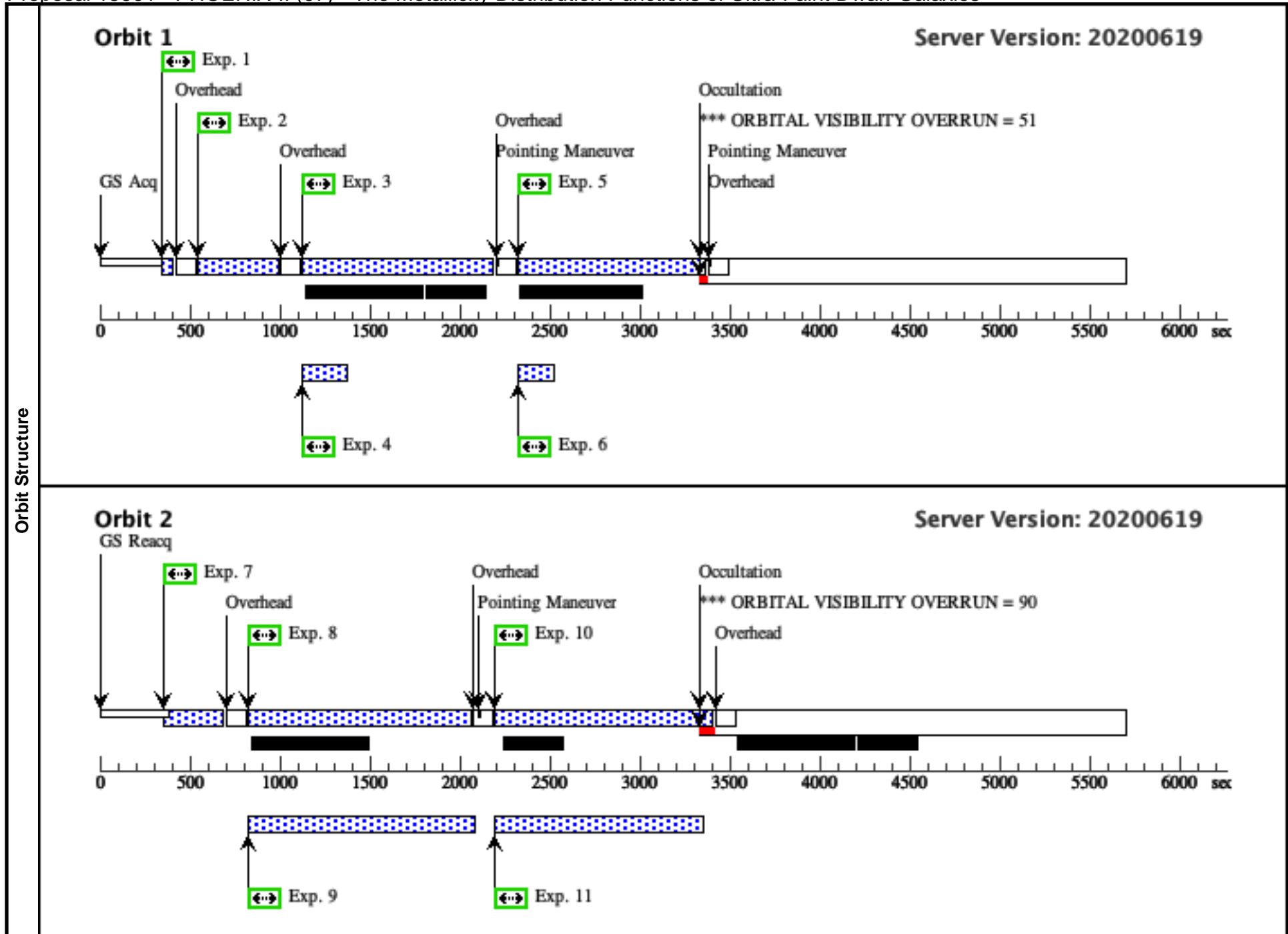
Fri Aug 14 15:01:40 GMT 2020

| | | | | | | | | | | |
|--|---|---------------------|---|---------------------------------|--------------------------|-------------------------|---|---|--|--------------|
| Visit | Proposal 15901, PICTORIS-I (06), failed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none) | | | | | | | | | |
| | (PICTORIS-I (06)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (PICTORIS-I (06)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (9) | PICTORIS-I | RA: 04 43 47.4000 (70.9475000d) Dec: -50 16 58.80 (-50.28300d) Equinox: J2000 | | V=17.2 | Reference Frame: SIMBAD | | | | |
| Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[DWARF SPHEROIDAL] | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | (9) PICTORIS-I | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=12; CR-SPLIT=NO | | | | 30 Secs (30 Secs) [==>] | [1] |
| | 2 | (9) PICTORIS-I | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=5; CR-SPLIT=NO | | SAME POS AS 1 | | 450 Secs (450 Secs) [==>] | [1] |
| | 3 | (9) PICTORIS-I | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | | | Prime + Parallel Group 3-4 in PICTORIS-I (06) | 1047 Secs (1047 Secs) [==>] | [1] |
| | 4 | ANY | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | | Prime + Parallel Group 3-4 in PICTORIS-I (06) | 30 Secs (30 Secs) [==>] | [1] |
| | 5 | (9) PICTORIS-I | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | | POS TARG 0.148,0.086 | Prime + Parallel Group 5-6 in PICTORIS-I (06) | 1047 Secs (1047 Secs) [==>] | [1] |
| | 6 | ANY | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | | Prime + Parallel Group 5-6 in PICTORIS-I (06) | 30 Secs (30 Secs) [==>] | [1] |
| | 7 | (9) PICTORIS-I | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=8; CR-SPLIT=NO | | POS TARG 0.222,0.240 | | 300 Secs (300 Secs) [==>] | [2] |
| | 8 | (9) PICTORIS-I | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | | SAME POS AS 7 | Prime + Parallel Group 8-9 in PICTORIS-I (06) | 1227 Secs (1227 Secs) [==>] | [2] |
| | 9 | ANY | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | | Prime + Parallel Group 8-9 in PICTORIS-I (06) | 1100 Secs (1100 Secs) [==>] | [2] |
| | 10 | (9) PICTORIS-I | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | | POS TARG 0.074,0.154 | Prime + Parallel Group 10-11 in PICTORIS-I (06) | 1213 Secs (1213 Secs) [==>] | [2] |
| 11 | ANY | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | | Prime + Parallel Group 10-11 in PICTORIS-I (06) | 1000 Secs (1000 Secs) [==>] | [2] | |

Proposal 15901 - PHOENIX-II (07) - The Metallicity Distribution Functions of Ultra-Faint Dwarf Galaxies

Fri Aug 14 15:01:40 GMT 2020

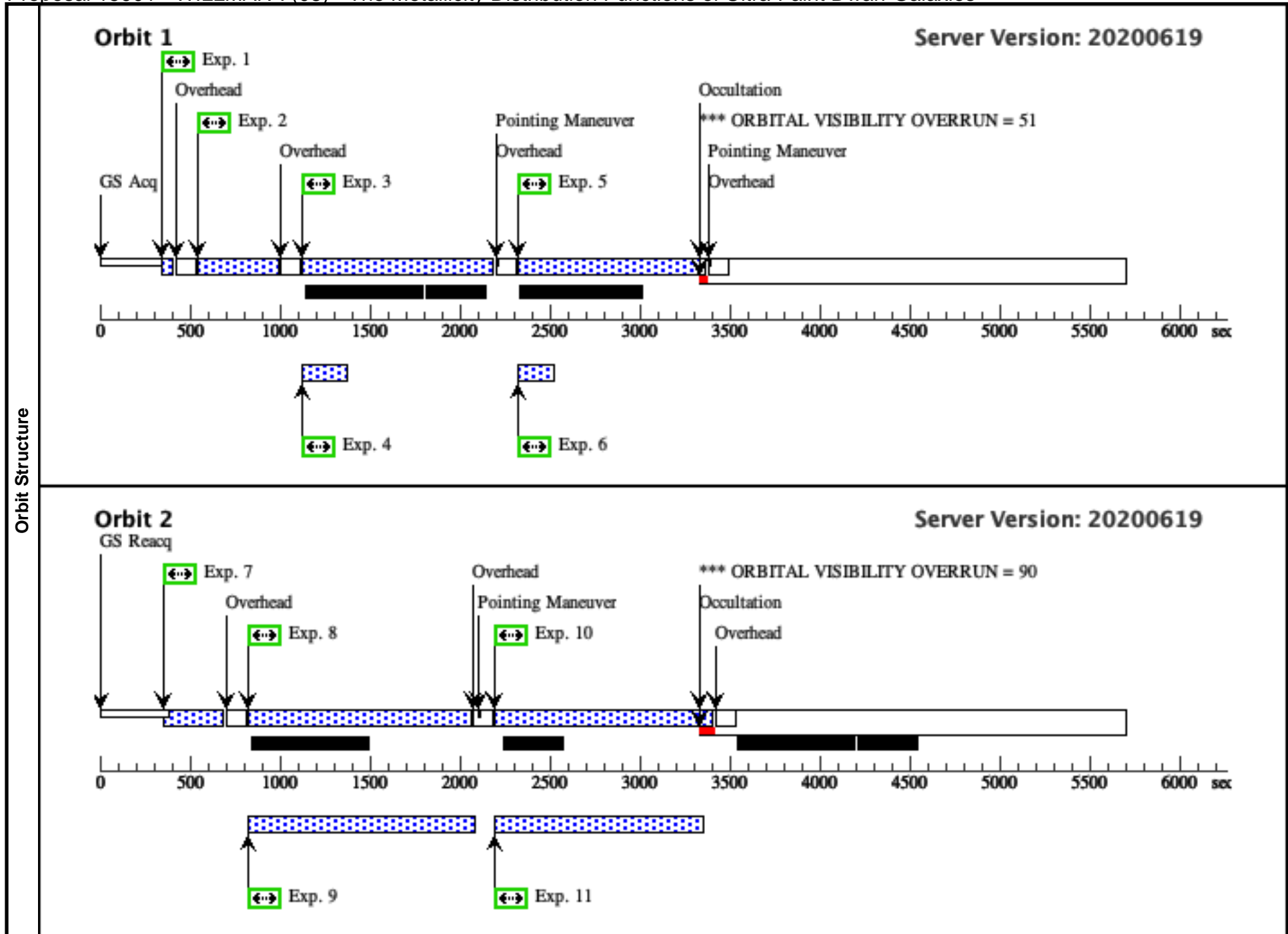
| | | | | | | | | | | |
|--|--|---------------------|--|---------------------------------|--------------------------|-------------------------|---|---|--|--------------|
| Visit | Proposal 15901, PHOENIX-II (07), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none) | | | | | | | | | |
| | (PHOENIX-II (07)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (PHOENIX-II (07)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (8) | PHOENIX-II | RA: 23 39 59.4000 (354.9975000d) Dec: -54 24 21.60 (-54.40600d) Equinox: J2000 | | V=15.1 | Reference Frame: SIMBAD | | | | |
| Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[DWARF SPHEROIDAL] | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | (8) PHOENIX-II | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=12; CR-SPLIT=NO | | | | 30 Secs (30 Secs) [==>] | [1] |
| | 2 | (8) PHOENIX-II | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=5; CR-SPLIT=NO | | SAME POS AS 1 | | 450 Secs (450 Secs) [==>] | [1] |
| | 3 | (8) PHOENIX-II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | | | Prime + Parallel Group 3-4 in PHOENIX-II (07) | 1047 Secs (1047 Secs) [==>] | [1] |
| | 4 | ANY | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | | Prime + Parallel Group 3-4 in PHOENIX-II (07) | 30 Secs (30 Secs) [==>] | [1] |
| | 5 | (8) PHOENIX-II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10 | | POS TARG 0.148,0.086 | Prime + Parallel Group 5-6 in PHOENIX-II (07) | 1047 Secs (1047 Secs) [==>] | [1] |
| | 6 | ANY | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | | Prime + Parallel Group 5-6 in PHOENIX-II (07) | 30 Secs (30 Secs) [==>] | [1] |
| | 7 | (8) PHOENIX-II | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=8; CR-SPLIT=NO | | POS TARG 0.222,0.240 | | 300 Secs (300 Secs) [==>] | [2] |
| | 8 | (8) PHOENIX-II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | | SAME POS AS 7 | Prime + Parallel Group 8-9 in PHOENIX-II (07) | 1227 Secs (1227 Secs) [==>] | [2] |
| | 9 | ANY | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | | Prime + Parallel Group 8-9 in PHOENIX-II (07) | 1100 Secs (1100 Secs) [==>] | [2] |
| | 10 | (8) PHOENIX-II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | | POS TARG 0.074,0.154 | Prime + Parallel Group 10-11 in PHOENIX-II (07) | 1213 Secs (1213 Secs) [==>] | [2] |
| 11 | ANY | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | | Prime + Parallel Group 10-11 in PHOENIX-II (07) | 1000 Secs (1000 Secs) [==>] | [2] | |



Proposal 15901 - WILLMAN-I (08) - The Metallicity Distribution Functions of Ultra-Faint Dwarf Galaxies

Fri Aug 14 15:01:40 GMT 2020

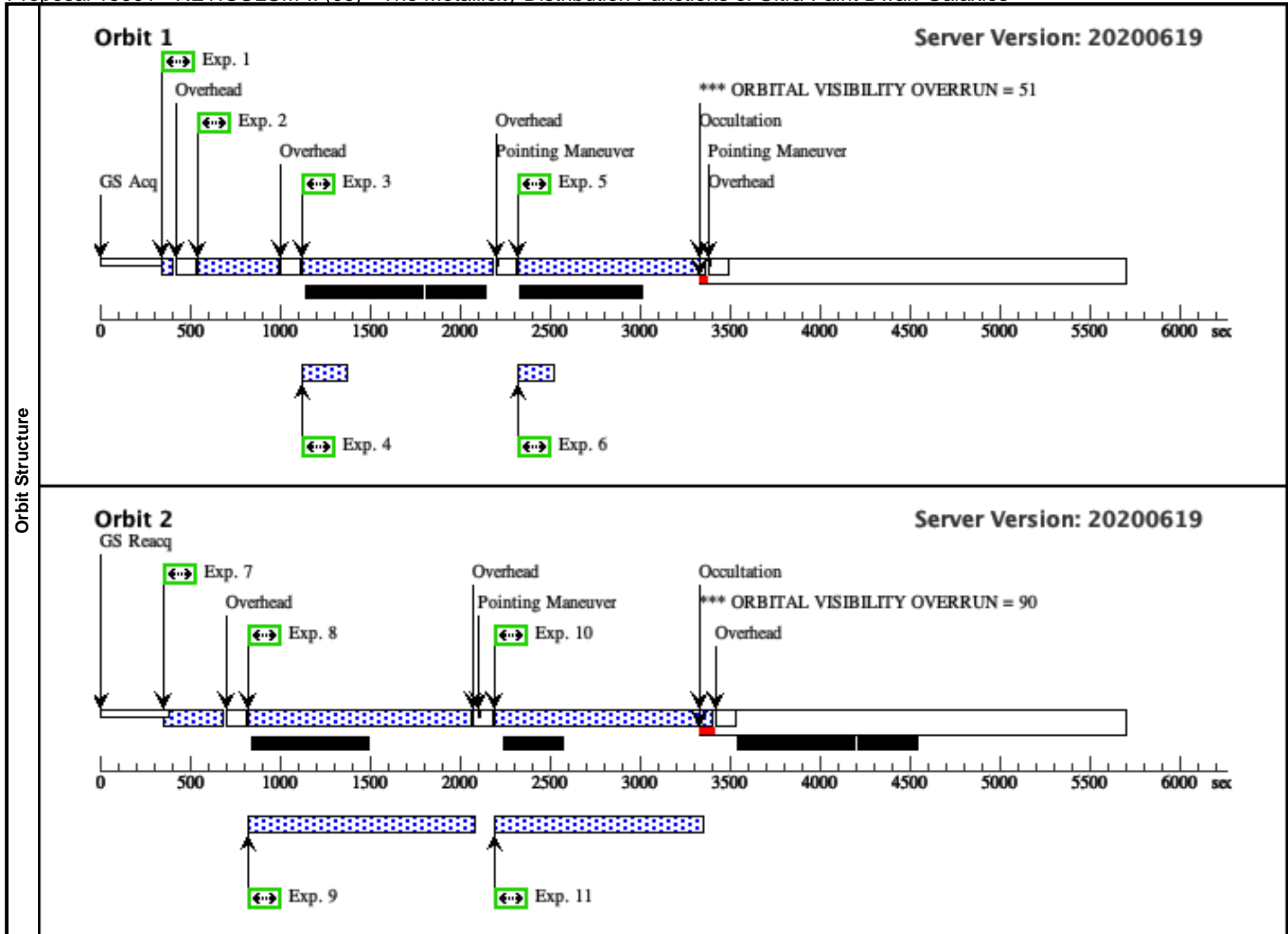
| | | | | | | | | | | |
|--|---|---------------------|---|--------------------------|--------------------------|-------------------------|--|--|---------------------------------|-------|
| Visit | Proposal 15901, WILLMAN-I (08), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none) | | | | | | | | | |
| | (WILLMAN-I (08)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (WILLMAN-I (08)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (7) | WILLMAN-I | RA: 10 49 21.0000 (162.3375000d) Dec: +51 03 10.00 (51.05278d) Equinox: J2000 | | V=15.2 | Reference Frame: SIMBAD | | | | |
| Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[DWARF SPHEROIDAL] | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | (7) WILLMAN-I | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=12; CR-SPLIT=NO | | | | 30 Secs (30 Secs) [==>] | [1] |
| | 2 | (7) WILLMAN-I | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=5; CR-SPLIT=NO | | SAME POS AS 1 | | 450 Secs (450 Secs) [==>] | [1] |
| | 3 | (7) WILLMAN-I | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | | | Prime + Parallel Gro up 3-4 in WILLMA N-I (08) | 1047 Secs (1047 Secs) [==>] | [1] |
| | 4 | ANY | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | | Prime + Parallel Gro up 3-4 in WILLMA N-I (08) | 30 Secs (30 Secs) [==>] | [1] |
| | 5 | (7) WILLMAN-I | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | | POS TARG 0.148,0. 086 | Prime + Parallel Gro up 5-6 in WILLMA N-I (08) | 1047 Secs (1047 Secs) [==>] | [1] |
| | 6 | ANY | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | | Prime + Parallel Gro up 5-6 in WILLMA N-I (08) | 30 Secs (30 Secs) [==>] | [1] |
| | 7 | (7) WILLMAN-I | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=8; CR-SPLIT=NO | | POS TARG 0.222,0. 240 | | 300 Secs (300 Secs) [==>] | [2] |
| | 8 | (7) WILLMAN-I | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | | SAME POS AS 7 | Prime + Parallel Gro up 8-9 in WILLMA N-I (08) | 1227 Secs (1227 Secs) [==>] | [2] |
| | 9 | ANY | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | | Prime + Parallel Gro up 8-9 in WILLMA N-I (08) | 1100 Secs (1100 Secs) [==>] | [2] |
| | 10 | (7) WILLMAN-I | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | | POS TARG 0.074,0. 154 | Prime + Parallel Gro up 10-11 in WILLM AN-I (08) | 1213 Secs (1213 Secs) [==>] | [2] |
| 11 | ANY | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | | Prime + Parallel Gro up 10-11 in WILLM AN-I (08) | 1000 Secs (1000 Secs) [==>] | [2] | |



Proposal 15901 - RETICULUM-II (09) - The Metallicity Distribution Functions of Ultra-Faint Dwarf Galaxies

Fri Aug 14 15:01:40 GMT 2020

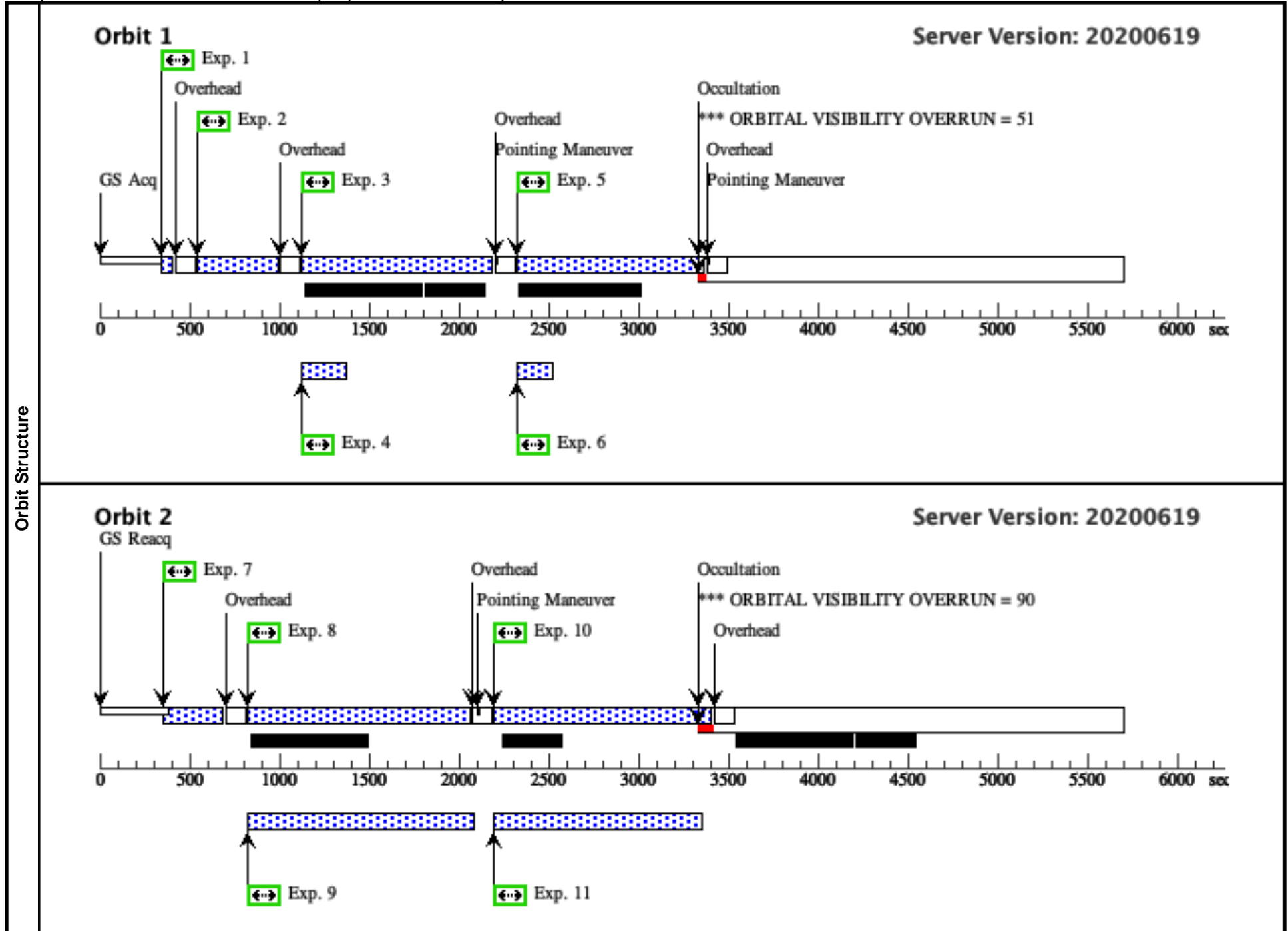
| | | | | | | | | | | |
|---|--|---------------------|---|---------------------------------|--------------------------|-------------------------|---|---|--|--------------|
| Visit | Proposal 15901, RETICULUM-II (09), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none) | | | | | | | | | |
| | (RETICULUM-II (09)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (RETICULUM-II (09)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (6) | RETICULUM-II | RA: 03 35 42.1440 (53.9256000d) Dec: -54 02 57.12 (-54.04920d) Equinox: J2000 | | V=13.6 | Reference Frame: SIMBAD | | | | |
| <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[DWARF SPHEROIDAL] | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | (6) RETICULUM-II | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=12; CR-SPLIT=NO | | | | 30 Secs (30 Secs) [==>] | [1] |
| | 2 | (6) RETICULUM-II | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=5; CR-SPLIT=NO | | SAME POS AS 1 | | 450 Secs (450 Secs) [==>] | [1] |
| | 3 | (6) RETICULUM-II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | | | Prime + Parallel Group 3-4 in RETICULUM-II (09) | 1047 Secs (1047 Secs) [==>] | [1] |
| | 4 | ANY | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | | Prime + Parallel Group 3-4 in RETICULUM-II (09) | 30 Secs (30 Secs) [==>] | [1] |
| | 5 | (6) RETICULUM-II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | | POS TARG 0.148,0.086 | Prime + Parallel Group 5-6 in RETICULUM-II (09) | 1047 Secs (1047 Secs) [==>] | [1] |
| | 6 | ANY | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | | Prime + Parallel Group 5-6 in RETICULUM-II (09) | 30 Secs (30 Secs) [==>] | [1] |
| | 7 | (6) RETICULUM-II | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=8; CR-SPLIT=NO | | POS TARG 0.222,0.240 | | 300 Secs (300 Secs) [==>] | [2] |
| | 8 | (6) RETICULUM-II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | | SAME POS AS 7 | Prime + Parallel Group 8-9 in RETICULUM-II (09) | 1227 Secs (1227 Secs) [==>] | [2] |
| | 9 | ANY | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | | Prime + Parallel Group 8-9 in RETICULUM-II (09) | 1100 Secs (1100 Secs) [==>] | [2] |
| | 10 | (6) RETICULUM-II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | | POS TARG 0.074,0.154 | Prime + Parallel Group 10-11 in RETICULUM-II (09) | 1213 Secs (1213 Secs) [==>] | [2] |
| 11 | ANY | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | | Prime + Parallel Group 10-11 in RETICULUM-II (09) | 1000 Secs (1000 Secs) [==>] | [2] | |



Proposal 15901 - ERIDANUS-III (10) - The Metallicity Distribution Functions of Ultra-Faint Dwarf Galaxies

Fri Aug 14 15:01:40 GMT 2020

| | | | | | | | | | | |
|--|--|---------------------|--|---------------------------------|--------------------------|-------------------------|---|---|--|--------------|
| Visit | Proposal 15901, ERIDANUS-III (10), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none) | | | | | | | | | |
| | (ERIDANUS-III (10)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (ERIDANUS-III (10)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (4) | ERIDANUS-III | RA: 02 22 45.5300 (35.6897083d) Dec: -52 17 1.32 (-52.28370d) Equinox: J2000 | | V=17.7 | Reference Frame: SIMBAD | | | | |
| Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[DWARF SPHEROIDAL] | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | (4) ERIDANUS-III | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=12; CR-SPLIT=NO | | | | 30 Secs (30 Secs) [==>] | [1] |
| | 2 | (4) ERIDANUS-III | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=5; CR-SPLIT=NO | | SAME POS AS 1 | | 450 Secs (450 Secs) [==>] | [1] |
| | 3 | (4) ERIDANUS-III | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | | | Prime + Parallel Group 3-4 in ERIDANUS-III (10) | 1047 Secs (1047 Secs) [==>] | [1] |
| | 4 | ANY | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | | Prime + Parallel Group 3-4 in ERIDANUS-III (10) | 30 Secs (30 Secs) [==>] | [1] |
| | 5 | (4) ERIDANUS-III | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | | POS TARG 0.148,0.086 | Prime + Parallel Group 5-6 in ERIDANUS-III (10) | 1047 Secs (1047 Secs) [==>] | [1] |
| | 6 | ANY | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | | Prime + Parallel Group 5-6 in ERIDANUS-III (10) | 30 Secs (30 Secs) [==>] | [1] |
| | 7 | (4) ERIDANUS-III | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=8; CR-SPLIT=NO | | POS TARG 0.222,0.240 | | 300 Secs (300 Secs) [==>] | [2] |
| | 8 | (4) ERIDANUS-III | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | | SAME POS AS 7 | Prime + Parallel Group 8-9 in ERIDANUS-III (10) | 1227 Secs (1227 Secs) [==>] | [2] |
| | 9 | ANY | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | | Prime + Parallel Group 8-9 in ERIDANUS-III (10) | 1100 Secs (1100 Secs) [==>] | [2] |
| | 10 | (4) ERIDANUS-III | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | | POS TARG 0.074,0.154 | Prime + Parallel Group 10-11 in ERIDANUS-III (10) | 1213 Secs (1213 Secs) [==>] | [2] |
| 11 | ANY | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | | Prime + Parallel Group 10-11 in ERIDANUS-III (10) | 1000 Secs (1000 Secs) [==>] | [2] | |

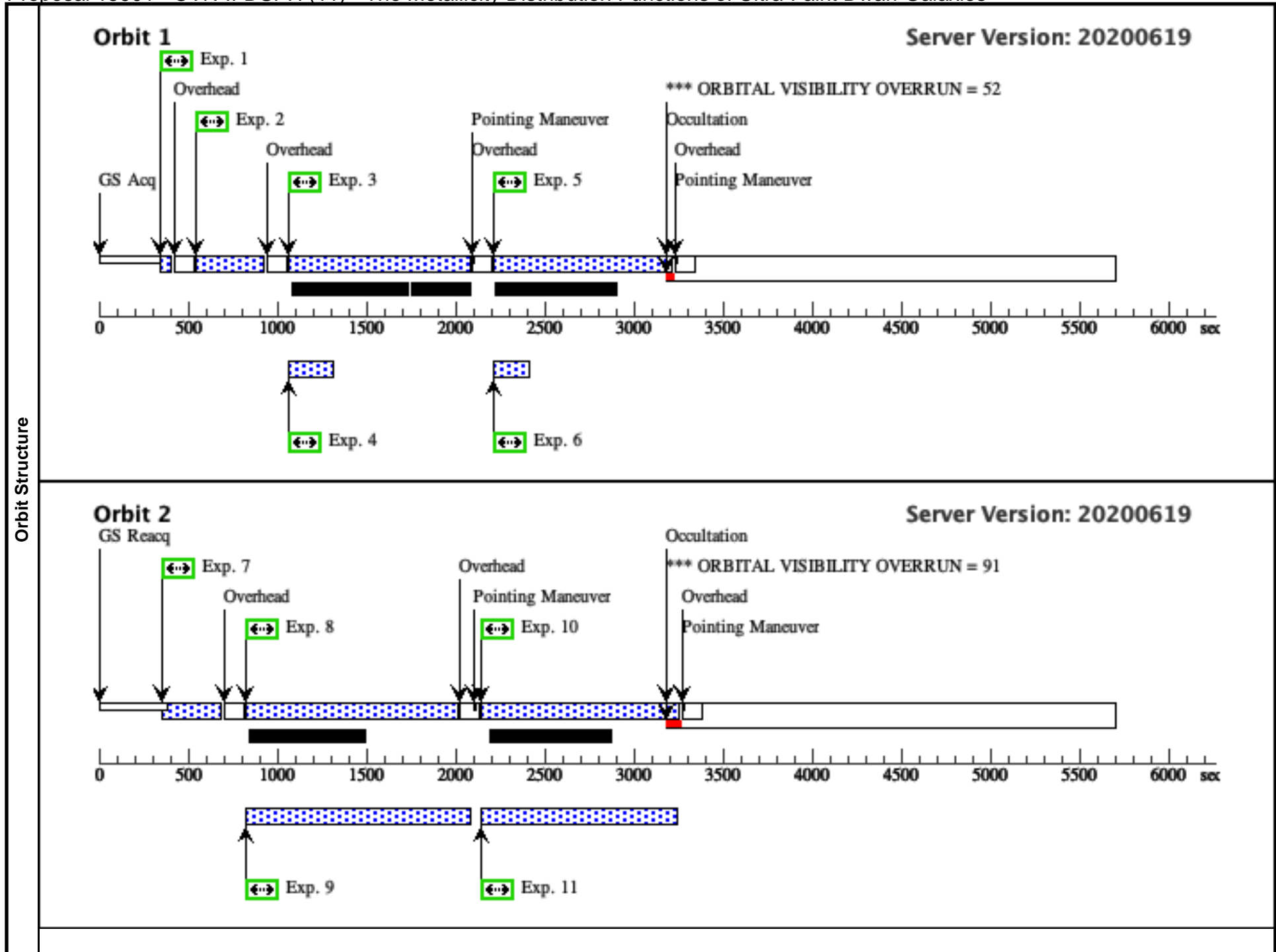


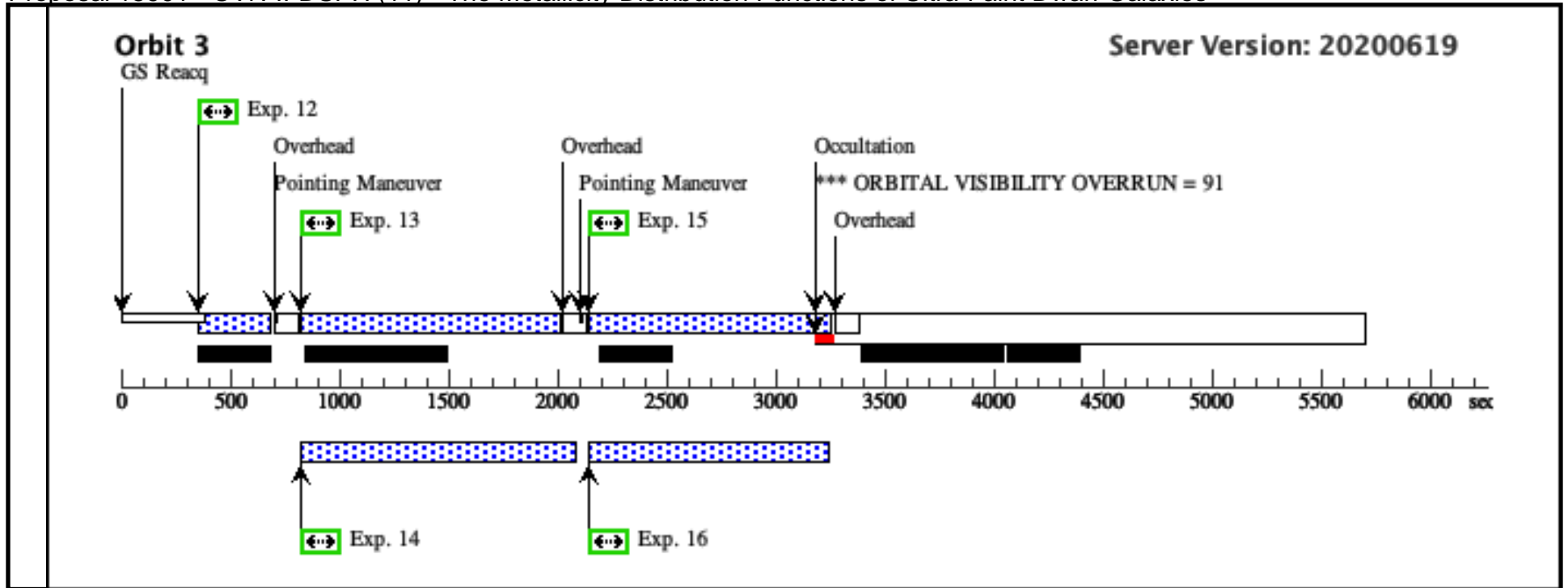
Proposal 15901 - CVN-II-DSPH (11) - The Metallicity Distribution Functions of Ultra-Faint Dwarf Galaxies

| Visit | Proposal 15901, CVN-II-DSPH (11), completed Fri Aug 14 15:01:40 GMT 2020 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none) | | | | | | | | | | | | | | | | | |
|---------------|--|--|--------------------|--------------------------|----------------------|--------------------------|--------|---------------|------|-------------|---|--|--------|----------------------|---|--|--|--|
| | Diagnostics | (CVN-II-DSPH (11)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (CVN-II-DSPH (11)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (CVN-II-DSPH (11)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN | | | | | | | | | | | | | | | | |
| Fixed Targets | | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">#</th> <th style="width: 20%;">Name</th> <th style="width: 30%;">Target Coordinates</th> <th style="width: 25%;">Targ. Coord. Corrections</th> <th style="width: 10%;">Fluxes</th> <th style="width: 10%;">Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(15)</td> <td>CVN-II-DSPH</td> <td>RA: 12 57 10.4600 (194.2935833d) Dec: +34 19 20.30 (34.32231d) Equinox: J2000</td> <td></td> <td>V=16.1</td> <td>Reference Frame: NED</td> </tr> </tbody> </table> | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | (15) | CVN-II-DSPH | RA: 12 57 10.4600 (194.2935833d) Dec: +34 19 20.30 (34.32231d) Equinox: J2000 | | V=16.1 | Reference Frame: NED | Comments: This object was generated by the targetselector and retrieved from the NED database. Category=GALAXY Description=[DWARF SPHEROIDAL] | | | |
| | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | | | | | | | | | |
| (15) | CVN-II-DSPH | RA: 12 57 10.4600 (194.2935833d) Dec: +34 19 20.30 (34.32231d) Equinox: J2000 | | V=16.1 | Reference Frame: NED | | | | | | | | | | | | | |

Proposal 15901 - CVN-II-DSPH (11) - The Metallicity Distribution Functions of Ultra-Faint Dwarf Galaxies

| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|----|-------|---------------------|------------------------|---------------|--------------------------|--|--|---------------------------------|-------|
| | 1 | | (15) CVN-II-DSPH | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=12; CR-SPLIT=NO | | | 30 Secs (30 Secs) [==>] | [1] |
| | 2 | | (15) CVN-II-DSPH | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=5; CR-SPLIT=NO | SAME POS AS 1 | | 384 Secs (384 Secs) [==>] | [1] |
| | 3 | | (15) CVN-II-DSPH | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | | Prime + Parallel Group 3-4 in CVN-II-DSPH (11) | 1004 Secs (1004 Secs) [==>] | [1] |
| | 4 | | ANY | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | Prime + Parallel Group 3-4 in CVN-II-DSPH (11) | 30 Secs (30 Secs) [==>] | [1] |
| | 5 | | (15) CVN-II-DSPH | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | POS TARG 0.148,0.086 | Prime + Parallel Group 5-6 in CVN-II-DSPH (11) | 1004 Secs (1004 Secs) [==>] | [1] |
| | 6 | | ANY | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | Prime + Parallel Group 5-6 in CVN-II-DSPH (11) | 30 Secs (30 Secs) [==>] | [1] |
| | 7 | | (15) CVN-II-DSPH | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=8; CR-SPLIT=NO | POS TARG 0.222,0.240 | | 300 Secs (300 Secs) [==>] | [2] |
| | 8 | | (15) CVN-II-DSPH | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | SAME POS AS 7 | Prime + Parallel Group 8-9 in CVN-II-DSPH (11) | 1174 Secs (1174 Secs) [==>] | [2] |
| | 9 | | ANY | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | Prime + Parallel Group 8-9 in CVN-II-DSPH (11) | 1100 Secs (1100 Secs) [==>] | [2] |
| | 10 | | (15) CVN-II-DSPH | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | POS TARG 0.074,0.154 | Prime + Parallel Group 10-11 in CVN-II-DSPH (11) | 1114 Secs (1114 Secs) [==>] | [2] |
| | 11 | | ANY | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | Prime + Parallel Group 10-11 in CVN-II-DSPH (11) | 940 Secs (940 Secs) [==>] | [2] |
| | 12 | | (15) CVN-II-DSPH | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=8; CR-SPLIT=NO | POS TARG 0.1740,0.2350 | | 300 Secs (300 Secs) [==>] | [3] |
| | 13 | | (15) CVN-II-DSPH | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | SAME POS AS 7 | Prime + Parallel Group 13-14 in CVN-II-DSPH (11) | 1174 Secs (1174 Secs) [==>] | [3] |
| | 14 | | ANY | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | Prime + Parallel Group 13-14 in CVN-II-DSPH (11) | 1100 Secs (1100 Secs) [==>] | [3] |
| | 15 | | (15) CVN-II-DSPH | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | POS TARG 0.3232,0.1235 | Prime + Parallel Group 15-16 in CVN-II-DSPH (11) | 1114 Secs (1114 Secs) [==>] | [3] |
| 16 | | ANY | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | Prime + Parallel Group 15-16 in CVN-II-DSPH (11) | 940 Secs (940 Secs) [==>] | [3] | |



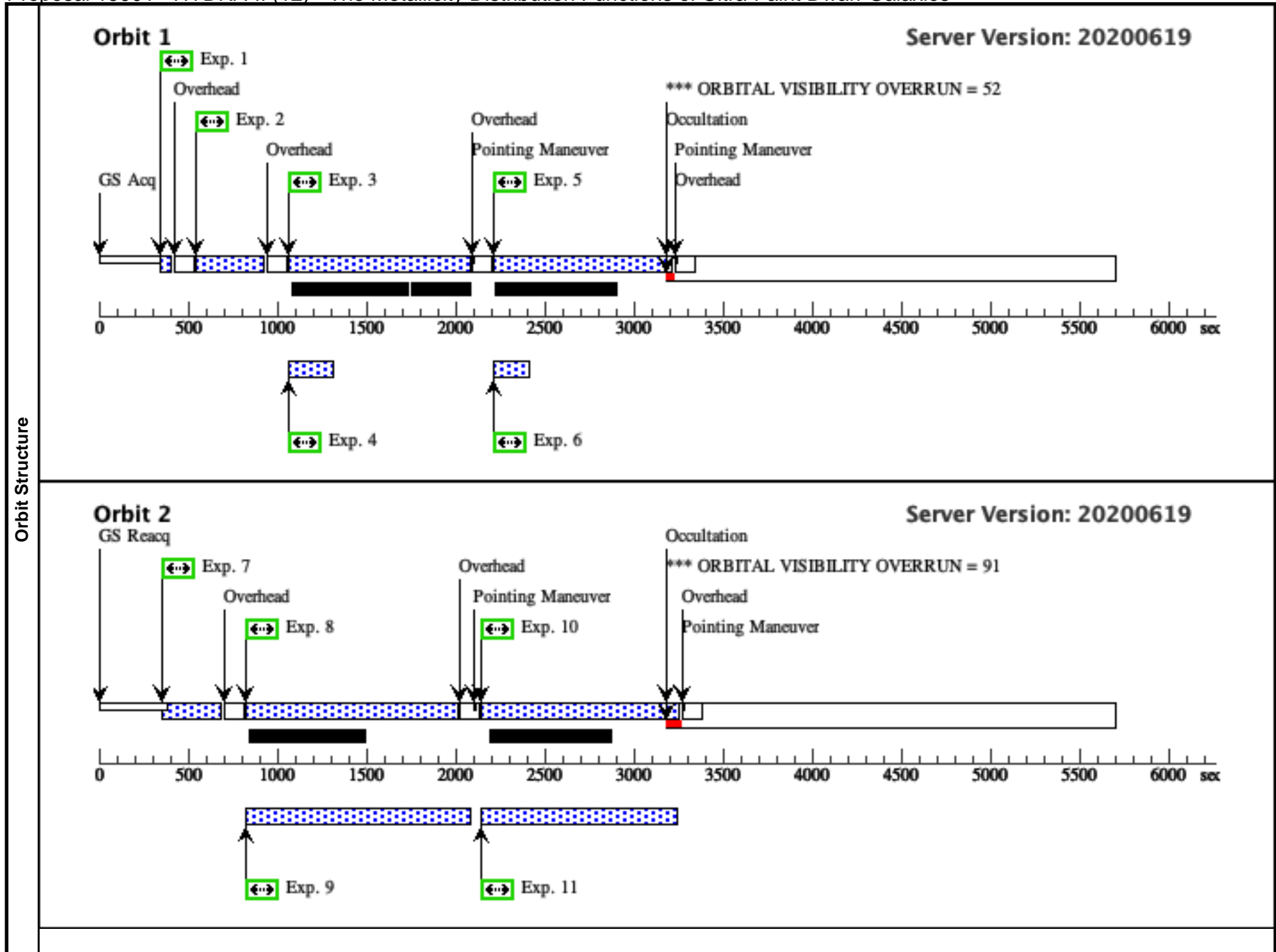


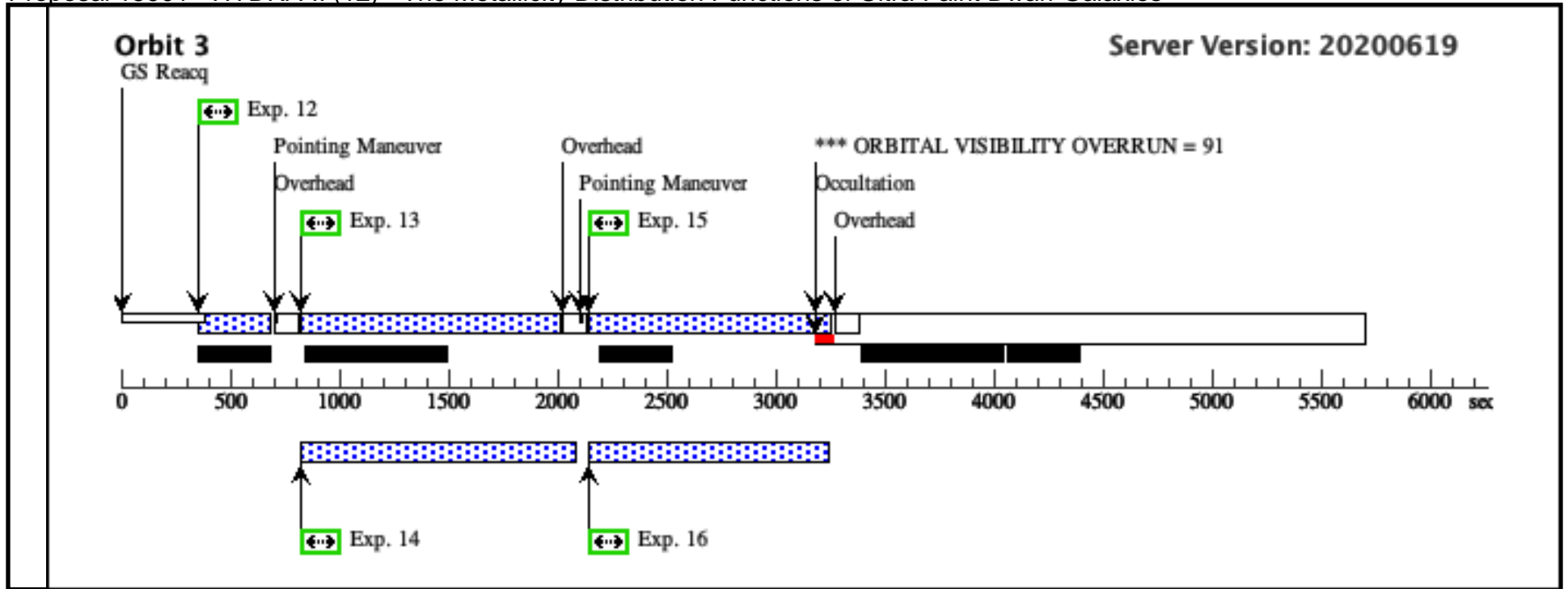
Proposal 15901 - HYDRA-II (12) - The Metallicity Distribution Functions of Ultra-Faint Dwarf Galaxies

| Visit | Proposal 15901, HYDRA-II (12), completed Fri Aug 14 15:01:40 GMT 2020 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none) | | | | | | | | | | | | | | | | |
|----------------------|--|---|--------------------|--------------------------|-------------------------|---------------|---|------|--------------------|--------------------------|--------|---------------|------|----------|---|--|--------|
| | Diagnostics | (HYDRA-II (12)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HYDRA-II (12)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (HYDRA-II (12)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN | | | | | | | | | | | | | | | |
| Fixed Targets | | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">#</th> <th style="width: 20%;">Name</th> <th style="width: 30%;">Target Coordinates</th> <th style="width: 20%;">Targ. Coord. Corrections</th> <th style="width: 10%;">Fluxes</th> <th style="width: 15%;">Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(14)</td> <td>HYDRA-II</td> <td>RA: 12 21 42.1000 (185.4254167d) Dec: -31 59 7.00 (-31.98528d) Equinox: J2000</td> <td></td> <td>V=15.8</td> <td>Reference Frame: SIMBAD</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> <i>Category=GALAXY</i> <i>Description=[DWARF SPHEROIDAL]</i></p> | | | | | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | (14) | HYDRA-II | RA: 12 21 42.1000 (185.4254167d) Dec: -31 59 7.00 (-31.98528d) Equinox: J2000 | | V=15.8 |
| | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | | | | | | | | |
| (14) | HYDRA-II | RA: 12 21 42.1000 (185.4254167d) Dec: -31 59 7.00 (-31.98528d) Equinox: J2000 | | V=15.8 | Reference Frame: SIMBAD | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

Proposal 15901 - HYDRA-II (12) - The Metallicity Distribution Functions of Ultra-Faint Dwarf Galaxies

| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|----|-------|---------------------|------------------------|---------------|--------------------------|---|---|---------------------------------|-------|
| | 1 | | (14) HYDRA-II | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=12; CR-SPLIT=NO | | | 30 Secs (30 Secs) [==>] | [1] |
| | 2 | | (14) HYDRA-II | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=5; CR-SPLIT=NO | SAME POS AS 1 | | 384 Secs (384 Secs) [==>] | [1] |
| | 3 | | (14) HYDRA-II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | | Prime + Parallel Group 3-4 in HYDRA-II (12) | 1004 Secs (1004 Secs) [==>] | [1] |
| | 4 | | ANY | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | Prime + Parallel Group 3-4 in HYDRA-II (12) | 30 Secs (30 Secs) [==>] | [1] |
| | 5 | | (14) HYDRA-II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | POS TARG 0.148,0.086 | Prime + Parallel Group 5-6 in HYDRA-II (12) | 1004 Secs (1004 Secs) [==>] | [1] |
| | 6 | | ANY | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | Prime + Parallel Group 5-6 in HYDRA-II (12) | 30 Secs (30 Secs) [==>] | [1] |
| | 7 | | (14) HYDRA-II | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=8; CR-SPLIT=NO | POS TARG 0.222,0.240 | | 300 Secs (300 Secs) [==>] | [2] |
| | 8 | | (14) HYDRA-II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | SAME POS AS 7 | Prime + Parallel Group 8-9 in HYDRA-II (12) | 1174 Secs (1174 Secs) [==>] | [2] |
| | 9 | | ANY | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | Prime + Parallel Group 8-9 in HYDRA-II (12) | 1100 Secs (1100 Secs) [==>] | [2] |
| | 10 | | (14) HYDRA-II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10 | POS TARG 0.074,0.154 | Prime + Parallel Group 10-11 in HYDRA-II (12) | 1114 Secs (1114 Secs) [==>] | [2] |
| | 11 | | ANY | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 10-11 in HYDRA-II (12) | 940 Secs (940 Secs) [==>] | [2] |
| | 12 | | (14) HYDRA-II | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=8; CR-SPLIT=NO | POS TARG 0.1740,0.2350 | | 300 Secs (300 Secs) [==>] | [3] |
| | 13 | | (14) HYDRA-II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | SAME POS AS 7 | Prime + Parallel Group 13-14 in HYDRA-II (12) | 1174 Secs (1174 Secs) [==>] | [3] |
| | 14 | | ANY | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | Prime + Parallel Group 13-14 in HYDRA-II (12) | 1100 Secs (1100 Secs) [==>] | [3] |
| | 15 | | (14) HYDRA-II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | POS TARG 0.3232,0.1235 | Prime + Parallel Group 15-16 in HYDRA-II (12) | 1114 Secs (1114 Secs) [==>] | [3] |
| 16 | | ANY | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | Prime + Parallel Group 15-16 in HYDRA-II (12) | 940 Secs (940 Secs) [==>] | [3] | |





Proposal 15901 - GRUS-I (13) - The Metallicity Distribution Functions of Ultra-Faint Dwarf Galaxies

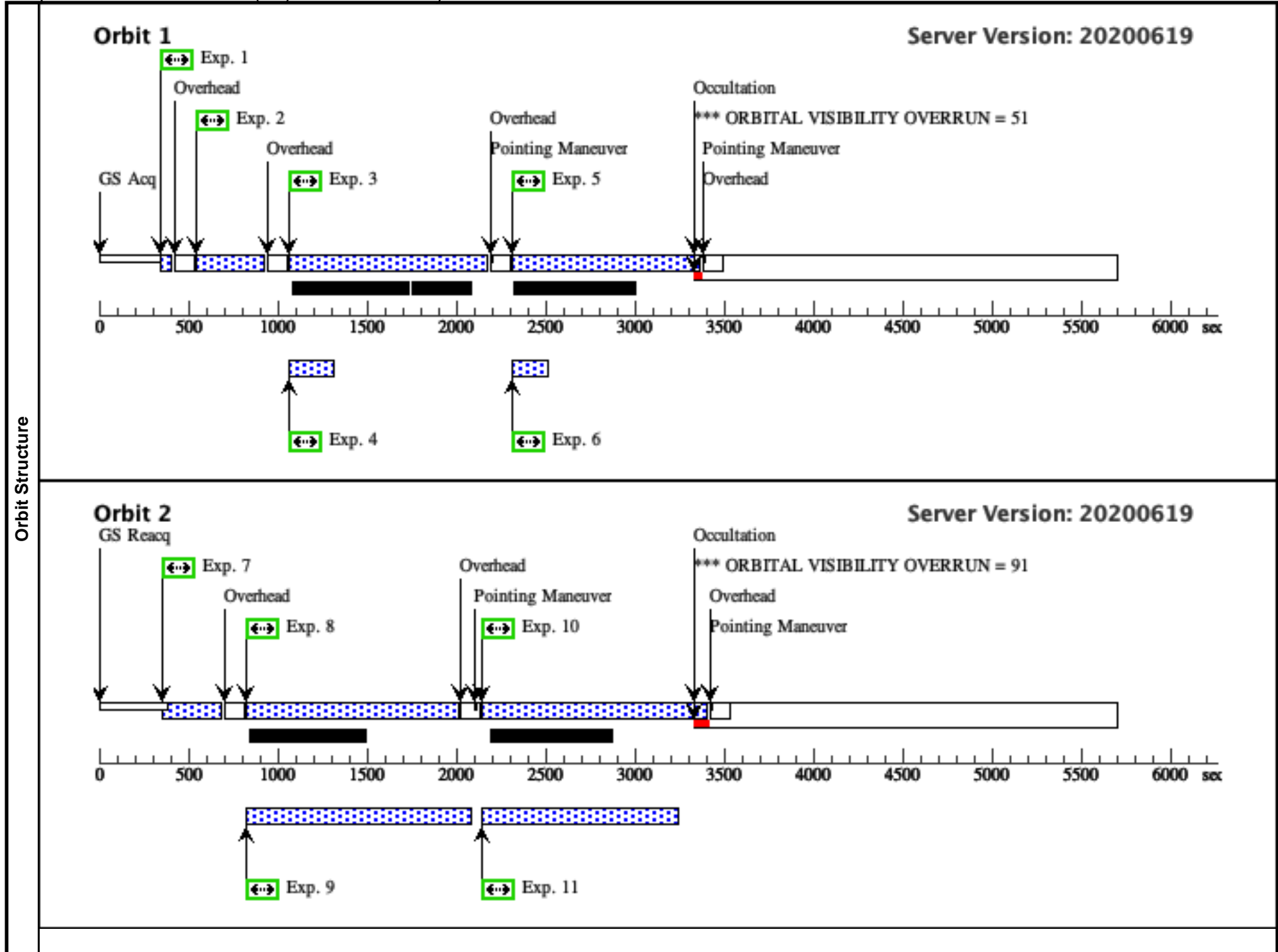
| Visit | Proposal 15901, GRUS-I (13), completed Fri Aug 14 15:01:41 GMT 2020 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none) | | | | | | | | | | | | | | | | |
|--|--|---|--------------------|--------------------------|-------------------------|---------------|---|------|--------------------|--------------------------|--------|---------------|------|--------|--|--|------|
| | Diagnostics | (GRUS-I (13)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (GRUS-I (13)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (GRUS-I (13)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (GRUS-I (13)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN | | | | | | | | | | | | | | | |
| Fixed Targets | | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">#</th> <th style="width: 20%;">Name</th> <th style="width: 30%;">Target Coordinates</th> <th style="width: 20%;">Targ. Coord. Corrections</th> <th style="width: 10%;">Fluxes</th> <th style="width: 15%;">Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(11)</td> <td>GRUS-I</td> <td>RA: 22 56 42.3600 (344.1765000d) Dec: -50 09 47.88 (-50.16330d) Equinox: J2000</td> <td></td> <td>V=17</td> <td>Reference Frame: SIMBAD</td> </tr> </tbody> </table> | | | | | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | (11) | GRUS-I | RA: 22 56 42.3600 (344.1765000d) Dec: -50 09 47.88 (-50.16330d) Equinox: J2000 | | V=17 |
| | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | | | | | | | | |
| (11) | GRUS-I | RA: 22 56 42.3600 (344.1765000d) Dec: -50 09 47.88 (-50.16330d) Equinox: J2000 | | V=17 | Reference Frame: SIMBAD | | | | | | | | | | | | |
| Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[DWARF SPHEROIDAL] | | | | | | | | | | | | | | | | | |

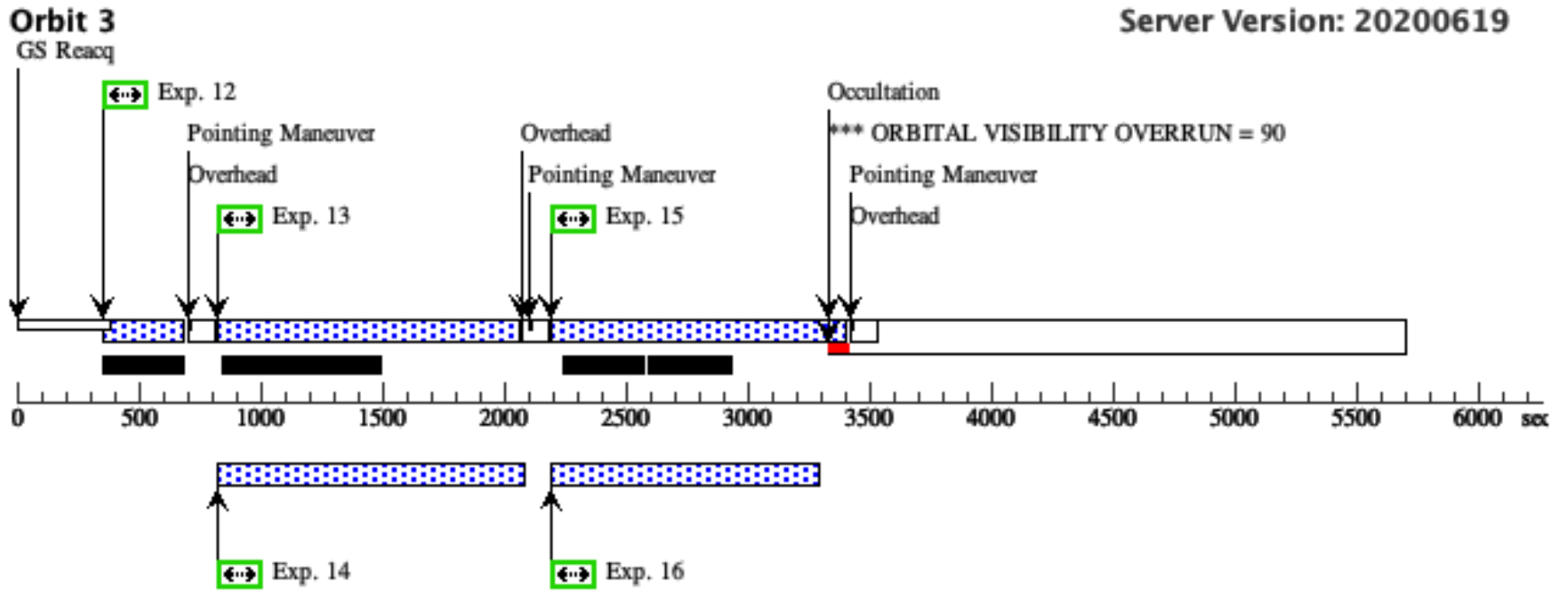
Proposal 15901 - GRUS-I (13) - The Metallicity Distribution Functions of Ultra-Faint Dwarf Galaxies

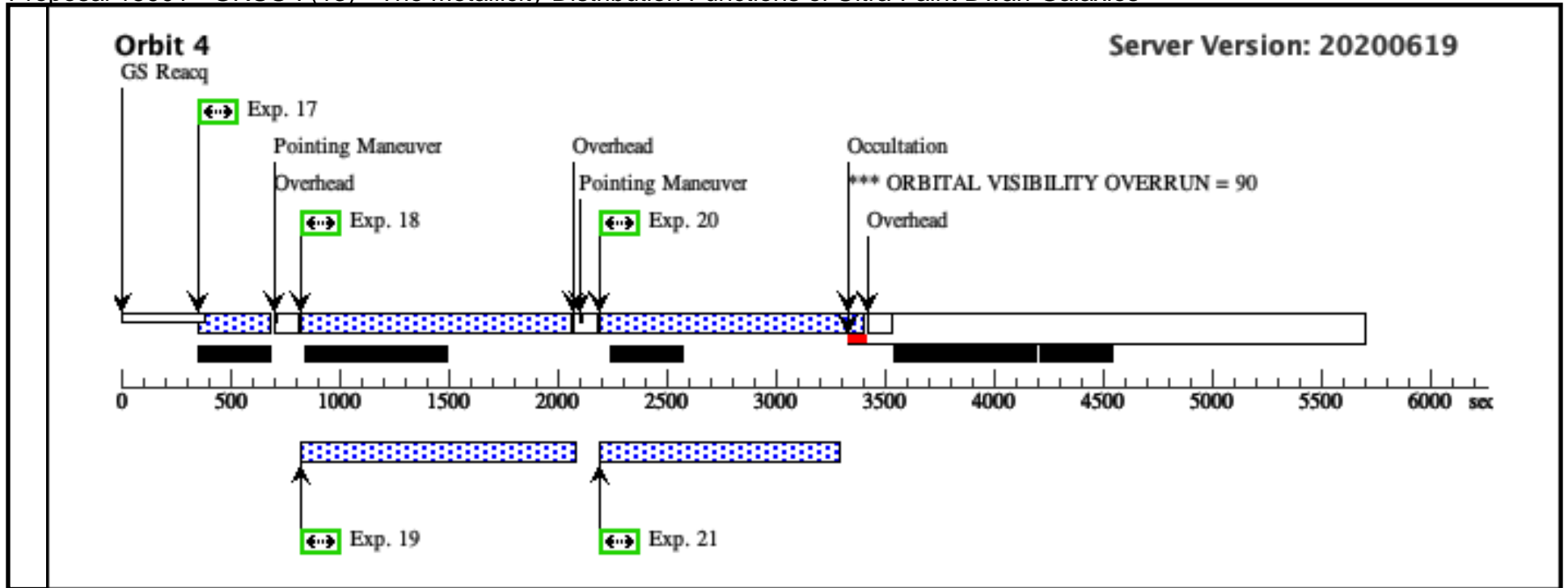
| # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|-------|-------------|------------------------|---------------|--------------------------|------------------------|---|---------------------------------|-------|
| Exposures | 1 | (11) GRUS-I | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=12; CR-SPLIT=NO | | | 30 Secs (30 Secs) [==>] | [1] |
| | 2 | (11) GRUS-I | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=5; CR-SPLIT=NO | SAME POS AS 1 | | 384 Secs (384 Secs) [==>] | [1] |
| | 3 | (11) GRUS-I | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | | Prime + Parallel Group 3-4 in GRUS-I (13) | 1103 Secs (1103 Secs) [==>] | [1] |
| | 4 | ANY | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | Prime + Parallel Group 3-4 in GRUS-I (13) | 30 Secs (30 Secs) [==>] | [1] |
| | 5 | (11) GRUS-I | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | POS TARG 0.148,0.086 | Prime + Parallel Group 5-6 in GRUS-I (13) | 1057 Secs (1057 Secs) [==>] | [1] |
| | 6 | ANY | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | Prime + Parallel Group 5-6 in GRUS-I (13) | 30 Secs (30 Secs) [==>] | [1] |
| | 7 | (11) GRUS-I | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=8; CR-SPLIT=NO | POS TARG 0.222,0.240 | | 300 Secs (300 Secs) [==>] | [2] |
| | 8 | (11) GRUS-I | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | SAME POS AS 7 | Prime + Parallel Group 8-9 in GRUS-I (13) | 1174 Secs (1174 Secs) [==>] | [2] |
| | 9 | ANY | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | Prime + Parallel Group 8-9 in GRUS-I (13) | 1100 Secs (1100 Secs) [==>] | [2] |
| | 10 | (11) GRUS-I | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | POS TARG 0.074,0.154 | Prime + Parallel Group 10-11 in GRUS-I (13) | 1267 Secs (1267 Secs) [==>] | [2] |
| | 11 | ANY | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | Prime + Parallel Group 10-11 in GRUS-I (13) | 940 Secs (940 Secs) [==>] | [2] |
| | 12 | (11) GRUS-I | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=8; CR-SPLIT=NO | POS TARG 0.174,0.2350 | | 300 Secs (300 Secs) [==>] | [3] |
| | 13 | (11) GRUS-I | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | SAME POS AS 7 | Prime + Parallel Group 13-14 in GRUS-I (13) | 1227 Secs (1227 Secs) [==>] | [3] |
| | 14 | ANY | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | Prime + Parallel Group 13-14 in GRUS-I (13) | 1100 Secs (1100 Secs) [==>] | [3] |
| | 15 | (11) GRUS-I | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | POS TARG 0.3232,0.1235 | Prime + Parallel Group 15-16 in GRUS-I (13) | 1213 Secs (1213 Secs) [==>] | [3] |
| | 16 | ANY | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | Prime + Parallel Group 15-16 in GRUS-I (13) | 940 Secs (940 Secs) [==>] | [3] |
| | 17 | (11) GRUS-I | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=8; CR-SPLIT=NO | POS TARG 0.1005,0.3305 | | 300 Secs (300 Secs) [==>] | [4] |
| | 18 | (11) GRUS-I | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | SAME POS AS 7 | Prime + Parallel Group 18-19 in GRUS-I (13) | 1227 Secs (1227 Secs) [==>] | [4] |
| | 19 | ANY | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | Prime + Parallel Group 18-19 in GRUS-I (13) | 1100 Secs (1100 Secs) [==>] | [4] |

Proposal 15901 - GRUS-I (13) - The Metallicity Distribution Functions of Ultra-Faint Dwarf Galaxies

| | | | | | | | | |
|----|-------------|------------------------|-------|--------------------------|----------------------------|--|-----------------------|-----|
| 20 | (11) GRUS-I | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | POS TARG 0.5075,0 .0505 | Prime + Parallel Gro up 20-21 in GRUS-I (13) | 1213 Secs (1213 Secs) | |
| | | | | | | | [==>] | [4] |
| 21 | ANY | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | Prime + Parallel Gro up 20-21 in GRUS-I (13) | 940 Secs (940 Secs) | |
| | | | | | | | [==>] | [4] |







Proposal 15901 - SEGUE-II (14) - The Metallicity Distribution Functions of Ultra-Faint Dwarf Galaxies

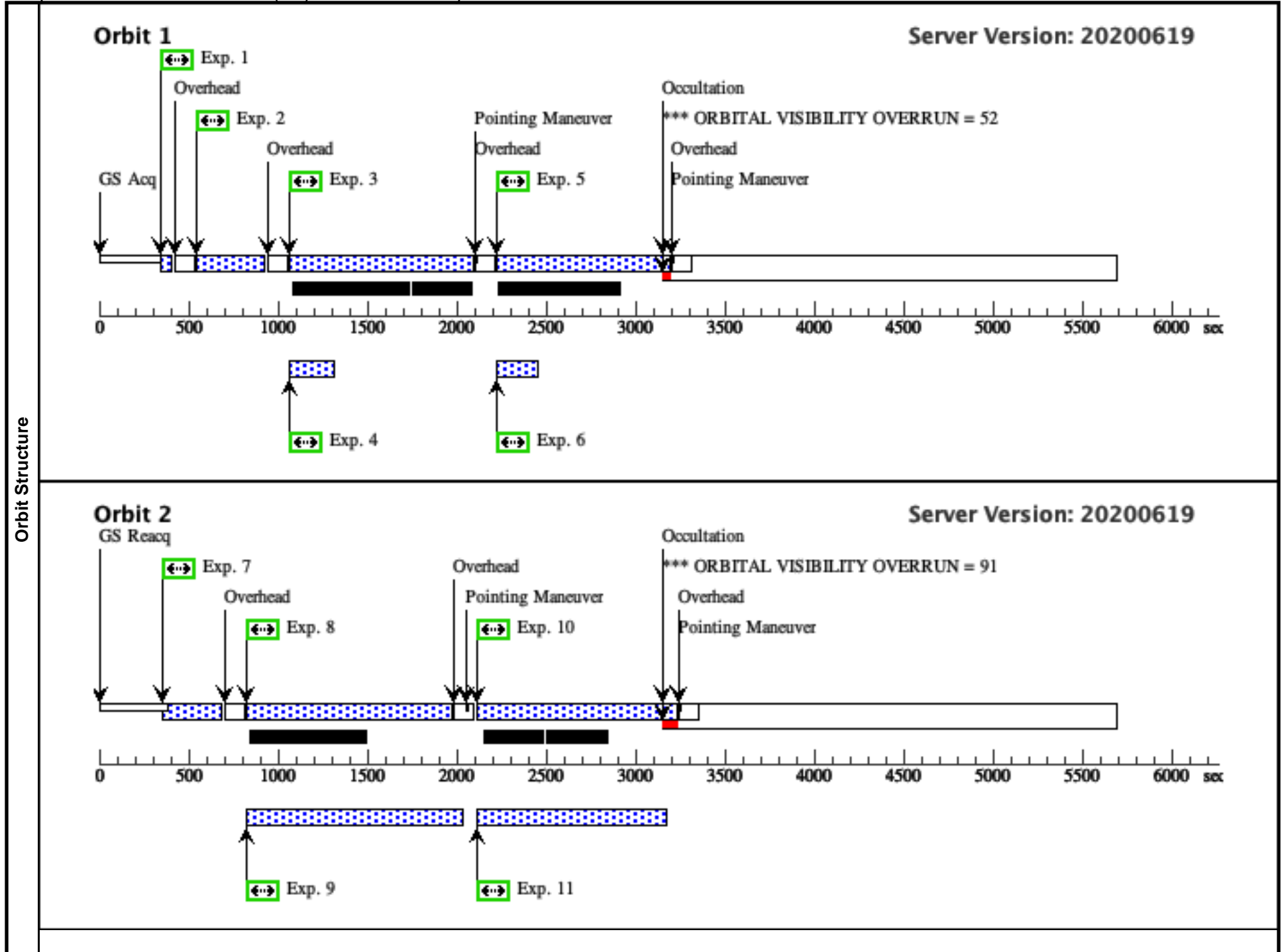
| | | | | | | |
|---|--|---|--|---------------------------------|---------------|-------------------------|
| Visit | Proposal 15901, SEGUE-II (14), completed Fri Aug 14 15:01:41 GMT 2020 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none) | | | | | |
| | Diagnostics | (SEGUE-II (14)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN | | | | |
| (SEGUE-II (14)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN | | | | | | |
| (SEGUE-II (14)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN | | | | | | |
| (SEGUE-II (14)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous |
| | (5) | SEGUE-II | RA: 02 19 16.0000 (34.8166667d) Dec: +20 10 31.00 (20.17528d) Equinox: J2000 | | V=15.2 | Reference Frame: SIMBAD |
| <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[DWARF SPHEROIDAL] | | | | | | |

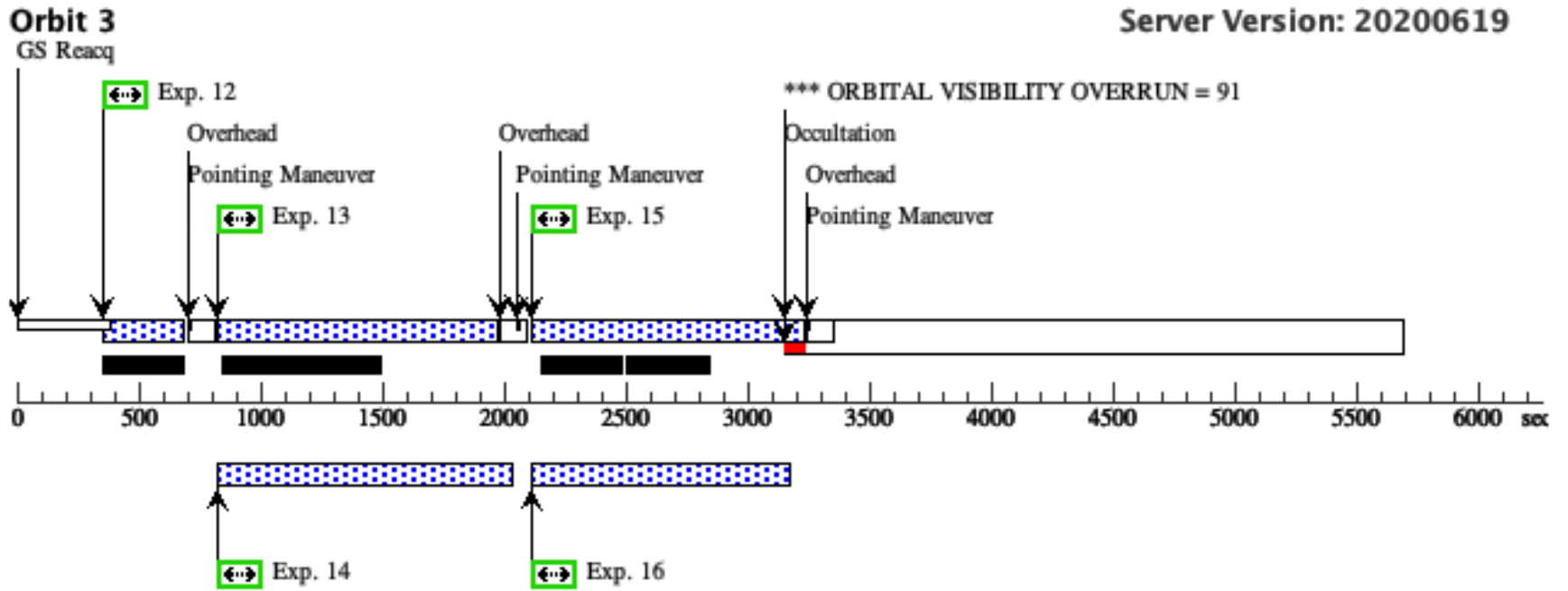
Proposal 15901 - SEGUE-II (14) - The Metallicity Distribution Functions of Ultra-Faint Dwarf Galaxies

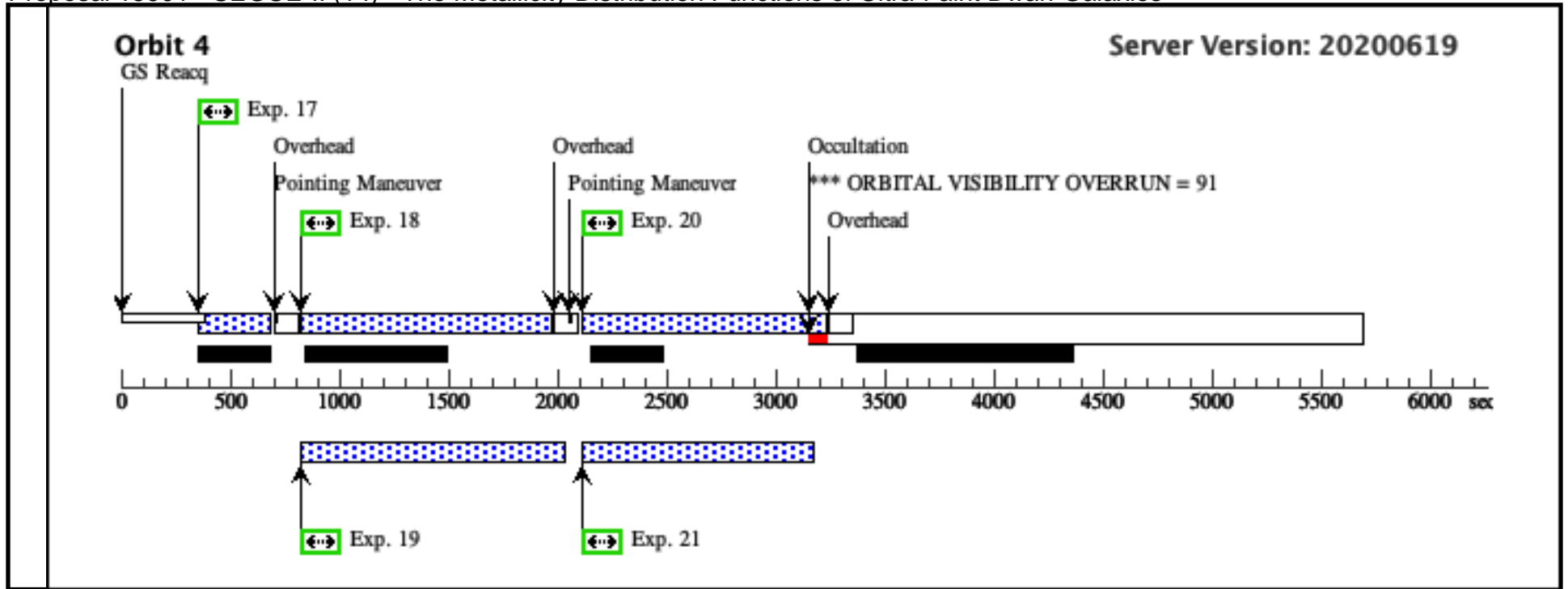
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|----|-------|--------------|------------------------|---------------|--------------------------|------------------------|---|---------------------------------|-------|
| | 1 | | (5) SEGUE-II | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=12; CR-SPLIT=NO | | | 30 Secs (30 Secs) [==>] | [1] |
| | 2 | | (5) SEGUE-II | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=5; CR-SPLIT=NO | | | 384 Secs (384 Secs) [==>] | [1] |
| | 3 | | (5) SEGUE-II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | SAME POS AS 2 | Prime + Parallel Group 3-4 in SEGUE-II (14) | 1016 Secs (1016 Secs) [==>] | [1] |
| | 4 | | ANY | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | Prime + Parallel Group 3-4 in SEGUE-II (14) | 30 Secs (30 Secs) [==>] | [1] |
| | 5 | | (5) SEGUE-II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10 | POS TARG 0.148,0.086 | Prime + Parallel Group 5-6 in SEGUE-II (14) | 969 Secs (969 Secs) [==>] | [1] |
| | 6 | | ANY | ACS/WFC, ACCUM, WFC | F814W | | | Prime + Parallel Group 5-6 in SEGUE-II (14) | 60 Secs (60 Secs) [==>] | [1] |
| | 7 | | (5) SEGUE-II | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=8; CR-SPLIT=NO | POS TARG 0.222,0.240 | | 300 Secs (300 Secs) [==>] | [2] |
| | 8 | | (5) SEGUE-II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | SAME POS AS 7 | Prime + Parallel Group 8-9 in SEGUE-II (14) | 1139 Secs (1139 Secs) [==>] | [2] |
| | 9 | | ANY | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | Prime + Parallel Group 8-9 in SEGUE-II (14) | 1050 Secs (1050 Secs) [==>] | [2] |
| | 10 | | (5) SEGUE-II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | POS TARG 0.074,0.154 | Prime + Parallel Group 10-11 in SEGUE-II (14) | 1126 Secs (1126 Secs) [==>] | [2] |
| | 11 | | ANY | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | Prime + Parallel Group 10-11 in SEGUE-II (14) | 900 Secs (900 Secs) [==>] | [2] |
| | 12 | | (5) SEGUE-II | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=8; CR-SPLIT=NO | POS TARG 0.1740,0.2350 | | 300 Secs (300 Secs) [==>] | [3] |
| | 13 | | (5) SEGUE-II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | SAME POS AS 7 | Prime + Parallel Group 13-14 in SEGUE-II (14) | 1139 Secs (1139 Secs) [==>] | [3] |
| | 14 | | ANY | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | Prime + Parallel Group 13-14 in SEGUE-II (14) | 1050 Secs (1050 Secs) [==>] | [3] |
| | 15 | | (5) SEGUE-II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | POS TARG 0.3232,0.1235 | Prime + Parallel Group 15-16 in SEGUE-II (14) | 1126 Secs (1126 Secs) [==>] | [3] |
| | 16 | | ANY | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | Prime + Parallel Group 15-16 in SEGUE-II (14) | 900 Secs (900 Secs) [==>] | [3] |
| | 17 | | (5) SEGUE-II | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=8; CR-SPLIT=NO | POS TARG 0.1005,0.3305 | | 300 Secs (300 Secs) [==>] | [4] |
| | 18 | | (5) SEGUE-II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | SAME POS AS 7 | Prime + Parallel Group 18-19 in SEGUE-II (14) | 1139 Secs (1139 Secs) [==>] | [4] |
| | 19 | | ANY | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | Prime + Parallel Group 18-19 in SEGUE-II (14) | 1050 Secs (1050 Secs) [==>] | [4] |

Proposal 15901 - SEGUE-II (14) - The Metallicity Distribution Functions of Ultra-Faint Dwarf Galaxies

| | | | | | | | | |
|----|--------------|------------------------|-------|--------------------------|----------------------------|---|-----------------------|-----|
| 20 | (5) SEGUE-II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | POS TARG 0.5075,0 .0505 | Prime + Parallel Gro up 20-21 in SEGUE- II (14) | 1126 Secs (1126 Secs) | |
| | | | | | | | [==>] | [4] |
| 21 | ANY | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | Prime + Parallel Gro up 20-21 in SEGUE- II (14) | 900 Secs (900 Secs) | |
| | | | | | | | [==>] | [4] |







Proposal 15901 - SEGUE-I (15) - The Metallicity Distribution Functions of Ultra-Faint Dwarf Galaxies

Fri Aug 14 15:01:41 GMT 2020

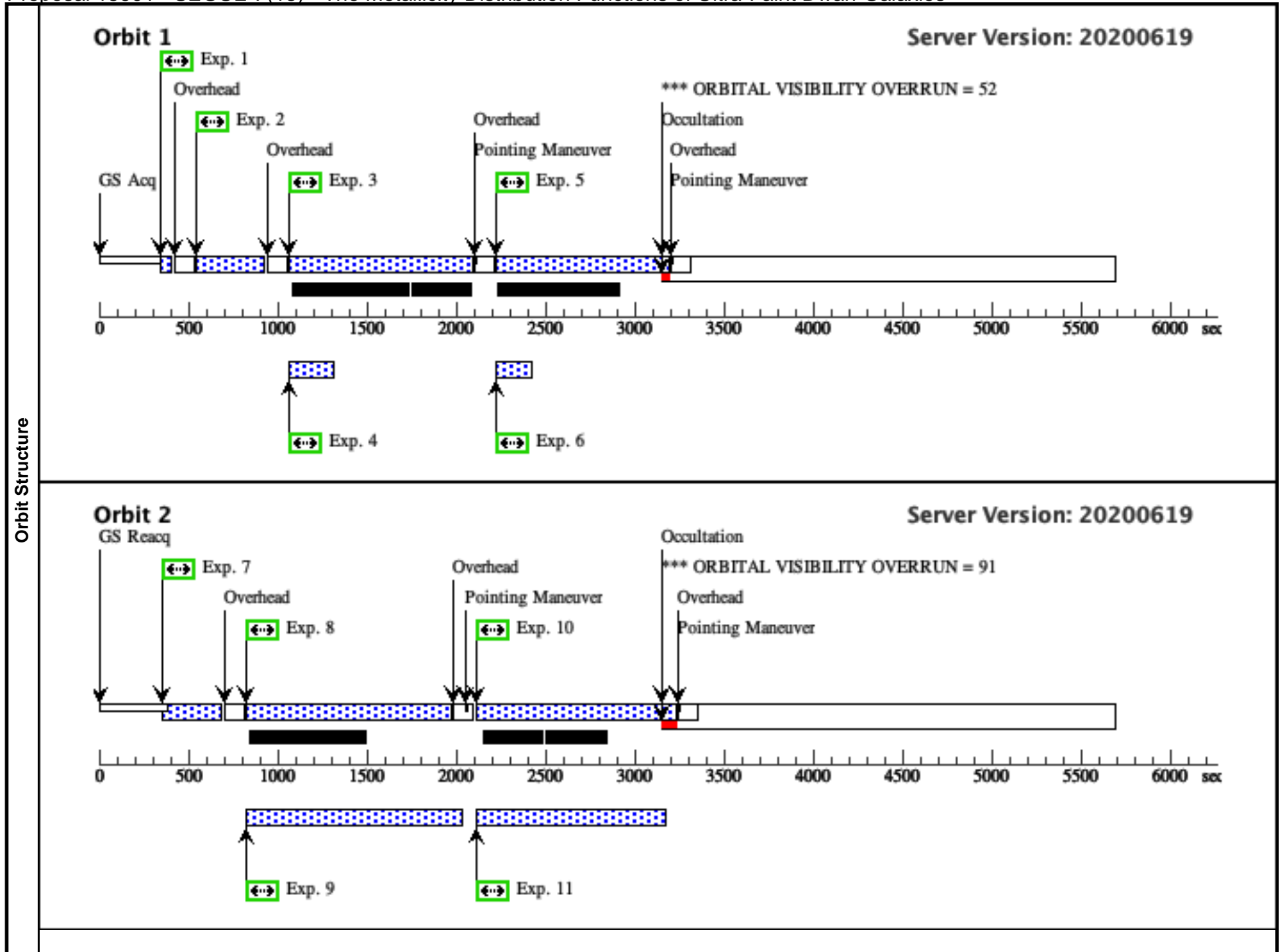
| Visit | Proposal 15901, SEGUE-I (15), scheduling Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none) | | | | | | | | | | | | | | | | |
|----------------------|--|--|--------------------------|--------------------|--------------------------|--------|---------------|-----|---------|--|--|--------|-------------------------|--|--|--|--|
| Diagnostics | (SEGUE-I (15)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (SEGUE-I (15)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (SEGUE-I (15)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (SEGUE-I (15)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN | | | | | | | | | | | | | | | | |
| 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>(2)</td> <td>SEGUE-I</td> <td>RA: 10 07 9.7200 (151.7905000d) Dec: +16 05 32.00 (16.09222d) Equinox: J2000</td> <td></td> <td>V=15.3</td> <td>Reference Frame: SIMBAD</td> </tr> </tbody> </table> | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | (2) | SEGUE-I | RA: 10 07 9.7200 (151.7905000d) Dec: +16 05 32.00 (16.09222d) Equinox: J2000 | | V=15.3 | Reference Frame: SIMBAD | Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[DWARF SPHEROIDAL] | | | |
| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | | | | | | | | | |
| (2) | SEGUE-I | RA: 10 07 9.7200 (151.7905000d) Dec: +16 05 32.00 (16.09222d) Equinox: J2000 | | V=15.3 | Reference Frame: SIMBAD | | | | | | | | | | | | |

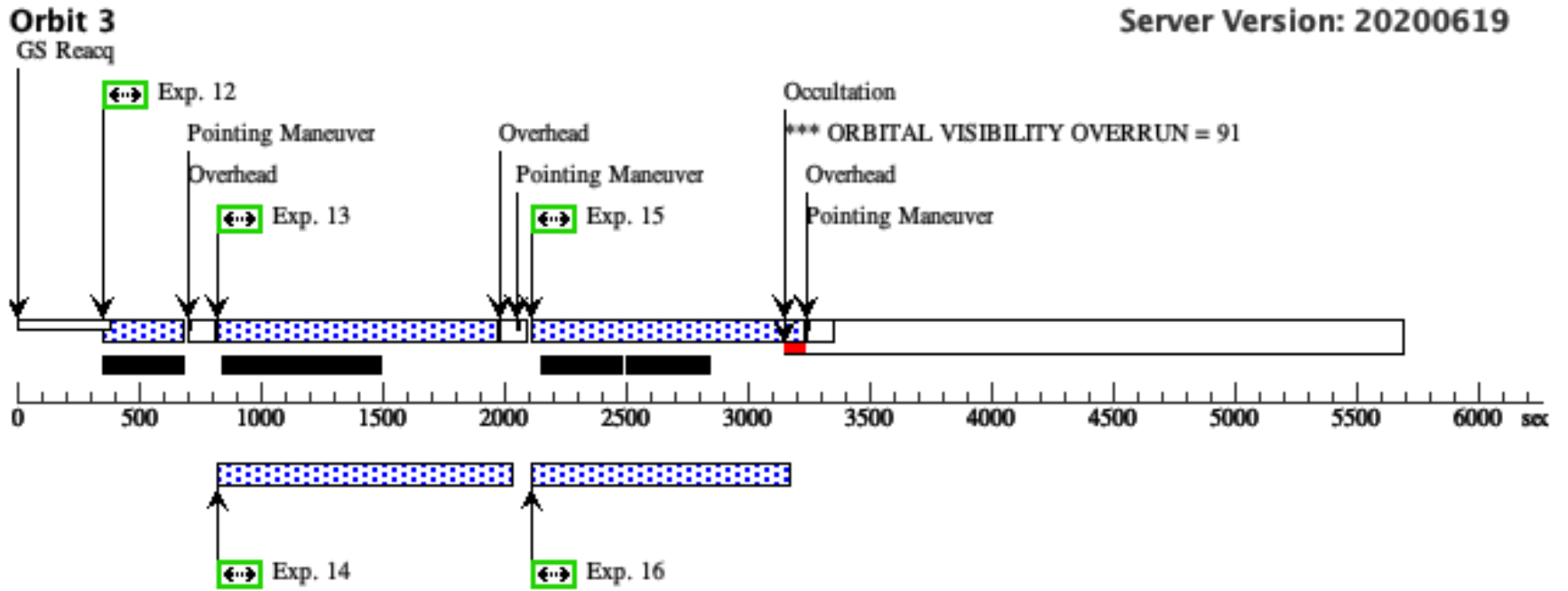
Proposal 15901 - SEGUE-I (15) - The Metallicity Distribution Functions of Ultra-Faint Dwarf Galaxies

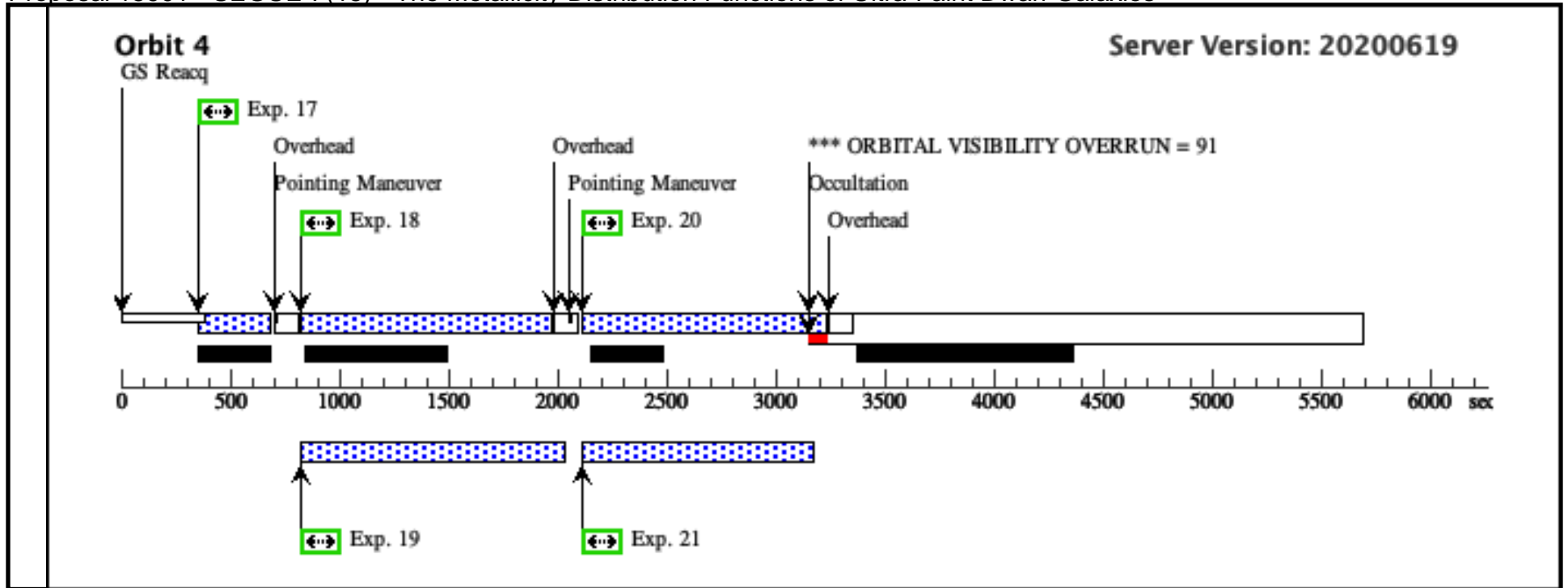
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|----|-------|-------------|------------------------|---------------|--------------------------|------------------------|--|---------------------------------|-------|
| | 1 | | (2) SEGUE-I | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=12; CR-SPLIT=NO | | | 30 Secs (30 Secs) [==>] | [1] |
| | 2 | | (2) SEGUE-I | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=5; CR-SPLIT=NO | SAME POS AS 1 | | 384 Secs (384 Secs) [==>] | [1] |
| | 3 | | (2) SEGUE-I | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | | Prime + Parallel Group 3-4 in SEGUE-I (15) | 1015 Secs (1015 Secs) [==>] | [1] |
| | 4 | | ANY | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | Prime + Parallel Group 3-4 in SEGUE-I (15) | 30 Secs (30 Secs) [==>] | [1] |
| | 5 | | (2) SEGUE-I | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10 | POS TARG 0.148,0.086 | Prime + Parallel Group 5-6 in SEGUE-I (15) | 969 Secs (969 Secs) [==>] | [1] |
| | 6 | | ANY | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | Prime + Parallel Group 5-6 in SEGUE-I (15) | 30 Secs (30 Secs) [==>] | [1] |
| | 7 | | (2) SEGUE-I | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=8; CR-SPLIT=NO | POS TARG 0.222,0.240 | | 300 Secs (300 Secs) [==>] | [2] |
| | 8 | | (2) SEGUE-I | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | SAME POS AS 7 | Prime + Parallel Group 8-9 in SEGUE-I (15) | 1139 Secs (1139 Secs) [==>] | [2] |
| | 9 | | ANY | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | Prime + Parallel Group 8-9 in SEGUE-I (15) | 1050 Secs (1050 Secs) [==>] | [2] |
| | 10 | | (2) SEGUE-I | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | POS TARG 0.074,0.154 | Prime + Parallel Group 10-11 in SEGUE-I (15) | 1125 Secs (1125 Secs) [==>] | [2] |
| | 11 | | ANY | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | Prime + Parallel Group 10-11 in SEGUE-I (15) | 900 Secs (900 Secs) [==>] | [2] |
| | 12 | | (2) SEGUE-I | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=8; CR-SPLIT=NO | POS TARG 0.1740,0.2350 | | 300 Secs (300 Secs) [==>] | [3] |
| | 13 | | (2) SEGUE-I | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | SAME POS AS 7 | Prime + Parallel Group 13-14 in SEGUE-I (15) | 1139 Secs (1139 Secs) [==>] | [3] |
| | 14 | | ANY | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | Prime + Parallel Group 13-14 in SEGUE-I (15) | 1050 Secs (1050 Secs) [==>] | [3] |
| | 15 | | (2) SEGUE-I | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | POS TARG 0.3232,0.1235 | Prime + Parallel Group 15-16 in SEGUE-I (15) | 1125 Secs (1125 Secs) [==>] | [3] |
| | 16 | | ANY | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | Prime + Parallel Group 15-16 in SEGUE-I (15) | 900 Secs (900 Secs) [==>] | [3] |
| | 17 | | (2) SEGUE-I | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=8; CR-SPLIT=NO | POS TARG 0.1005,0.3305 | | 300 Secs (300 Secs) [==>] | [4] |
| | 18 | | (2) SEGUE-I | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | SAME POS AS 7 | Prime + Parallel Group 18-19 in SEGUE-I (15) | 1139 Secs (1139 Secs) [==>] | [4] |
| | 19 | | ANY | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | Prime + Parallel Group 18-19 in SEGUE-I (15) | 1050 Secs (1050 Secs) [==>] | [4] |

Proposal 15901 - SEGUE-I (15) - The Metallicity Distribution Functions of Ultra-Faint Dwarf Galaxies

| | | | | | | | | |
|----|-------------|------------------------|-------|--------------------------|----------------------------|--|-----------------------|-----|
| 20 | (2) SEGUE-I | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | POS TARG 0.5075,0 .0505 | Prime + Parallel Gro up 20-21 in SEGUE- I (15) | 1125 Secs (1125 Secs) | |
| | | | | | | | [==>] | [4] |
| 21 | ANY | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | Prime + Parallel Gro up 20-21 in SEGUE- I (15) | 900 Secs (900 Secs) | |
| | | | | | | | [==>] | [4] |





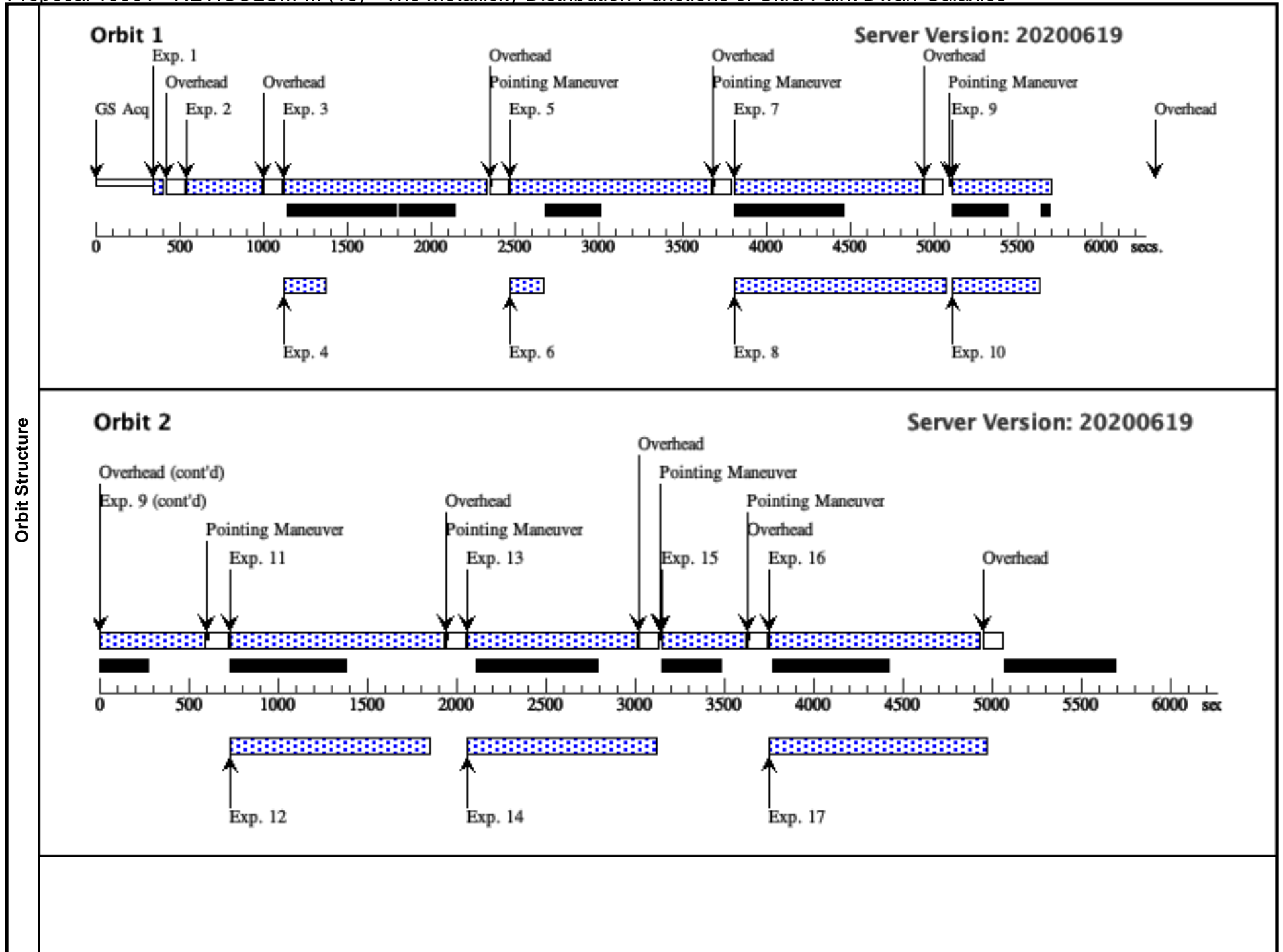


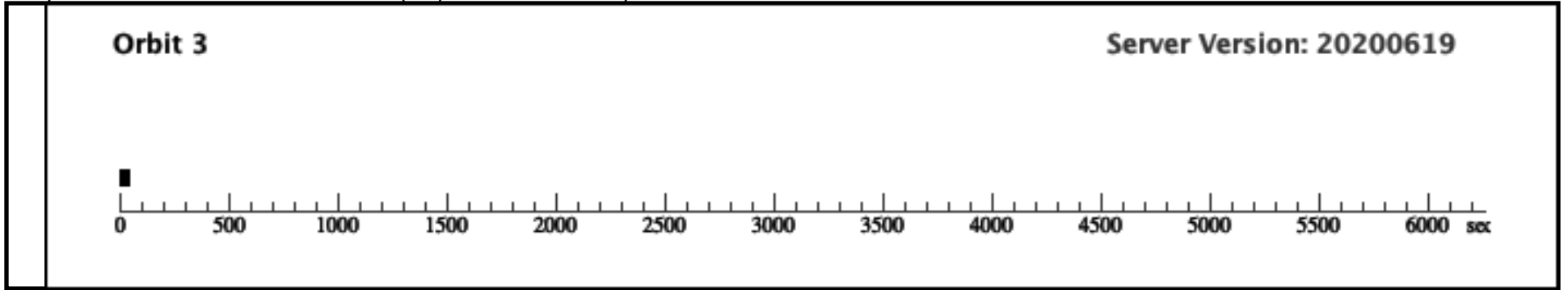
Proposal 15901 - RETICULUM-III (16) - The Metallicity Distribution Functions of Ultra-Faint Dwarf Galaxies

| | | | | | | |
|--|---|---------------|--|---------------------------|---------------------------------|-------------------------|
| Visit | Proposal 15901, RETICULUM-III (16), completed Fri Aug 14 15:01:41 GMT 2020 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: CVZ | | | | | |
| | Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes |
| (10) | | RETICULUM-III | RA: 03 45 26.4000 (56.3600000d) Dec: -60 27 0.00 (-60.45000d) Equinox: J2000 | | V=16.5 | Reference Frame: SIMBAD |
| Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[DWARF SPHEROIDAL] | | | | | | |

Proposal 15901 - RETICULUM-III (16) - The Metallicity Distribution Functions of Ultra-Faint Dwarf Galaxies

| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|----|-------|---------------------|--------------------------|---------------|--------------------------|--|--|---------------------------------|-------|
| | 1 | | (10) RETICULUM-I II | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=12; CR-SPLIT=NO | | | 30 Secs (30 Secs) [==>] | [1] |
| | 2 | | (10) RETICULUM-I II | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=5; CR-SPLIT=NO | SAME POS AS 1 | | 449 Secs (449 Secs) [==>] | [1] |
| | 3 | | (10) RETICULUM-I II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | | Prime + Parallel Group 3-4 in RETICULUM-III (16) | 1200 Secs (1200 Secs) [==>] | [1] |
| | 4 | | ANY | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | Prime + Parallel Group 3-4 in RETICULUM-III (16) | 30 Secs (30 Secs) [==>] | [1] |
| | 5 | | (10) RETICULUM-I II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | POS TARG 0.148,0.086 | Prime + Parallel Group 5-6 in RETICULUM-III (16) | 1200 Secs (1200 Secs) [==>] | [1] |
| | 6 | | ANY | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | Prime + Parallel Group 5-6 in RETICULUM-III (16) | 30 Secs (30 Secs) [==>] | [1] |
| | 7 | | (10) RETICULUM-I II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | POS TARG 0.222,0.240 | Prime + Parallel Group 7-8 in RETICULUM-III (16) | 1120 Secs (1120 Secs) [==>] | [1] |
| | 8 | | ANY | ACS/WFC, ACCUM, WFCENTER | F475W | CR-SPLIT=NO | | Prime + Parallel Group 7-8 in RETICULUM-III (16) | 1100 Secs (1100 Secs) [==>] | [1] |
| | 9 | | (10) RETICULUM-I II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | POS TARG 0.074,0.154 | Prime + Parallel Group 9-10 in RETICULUM-III (16) | 1200 Secs (1200 Secs) [==>] | [1] |
| | 10 | | ANY | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | Prime + Parallel Group 9-10 in RETICULUM-III (16) | 400 Secs (400 Secs) [==>] | [1] |
| | 11 | | (10) RETICULUM-I II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10 | POS TARG 0.1740,0.2350 | Prime + Parallel Group 11-12 in RETICULUM-III (16) | 1200 Secs (1200 Secs) [==>] | [2] |
| | 12 | | ANY | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | Prime + Parallel Group 11-12 in RETICULUM-III (16) | 1000 Secs (1000 Secs) [==>] | [2] |
| | 13 | | (10) RETICULUM-I II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | POS TARG 0.3232,0.1235 | Prime + Parallel Group 13-14 in RETICULUM-III (16) | 950 Secs (950 Secs) [==>] | [2] |
| | 14 | | ANY | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | Prime + Parallel Group 13-14 in RETICULUM-III (16) | 900 Secs (900 Secs) [==>] | [2] |
| | 15 | | (10) RETICULUM-I II | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=5; CR-SPLIT=NO | SAME POS AS 1 | | 440 Secs (440 Secs) [==>] | [2] |
| | 16 | | (10) RETICULUM-I II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | POS TARG 0.1005,0.3305 | Prime + Parallel Group 16-17 in RETICULUM-III (16) | 1170 Secs (1170 Secs) [==>] | [2] |
| 17 | | ANY | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | Prime + Parallel Group 16-17 in RETICULUM-III (16) | 1100 Secs (1100 Secs) [==>] | [2] | |

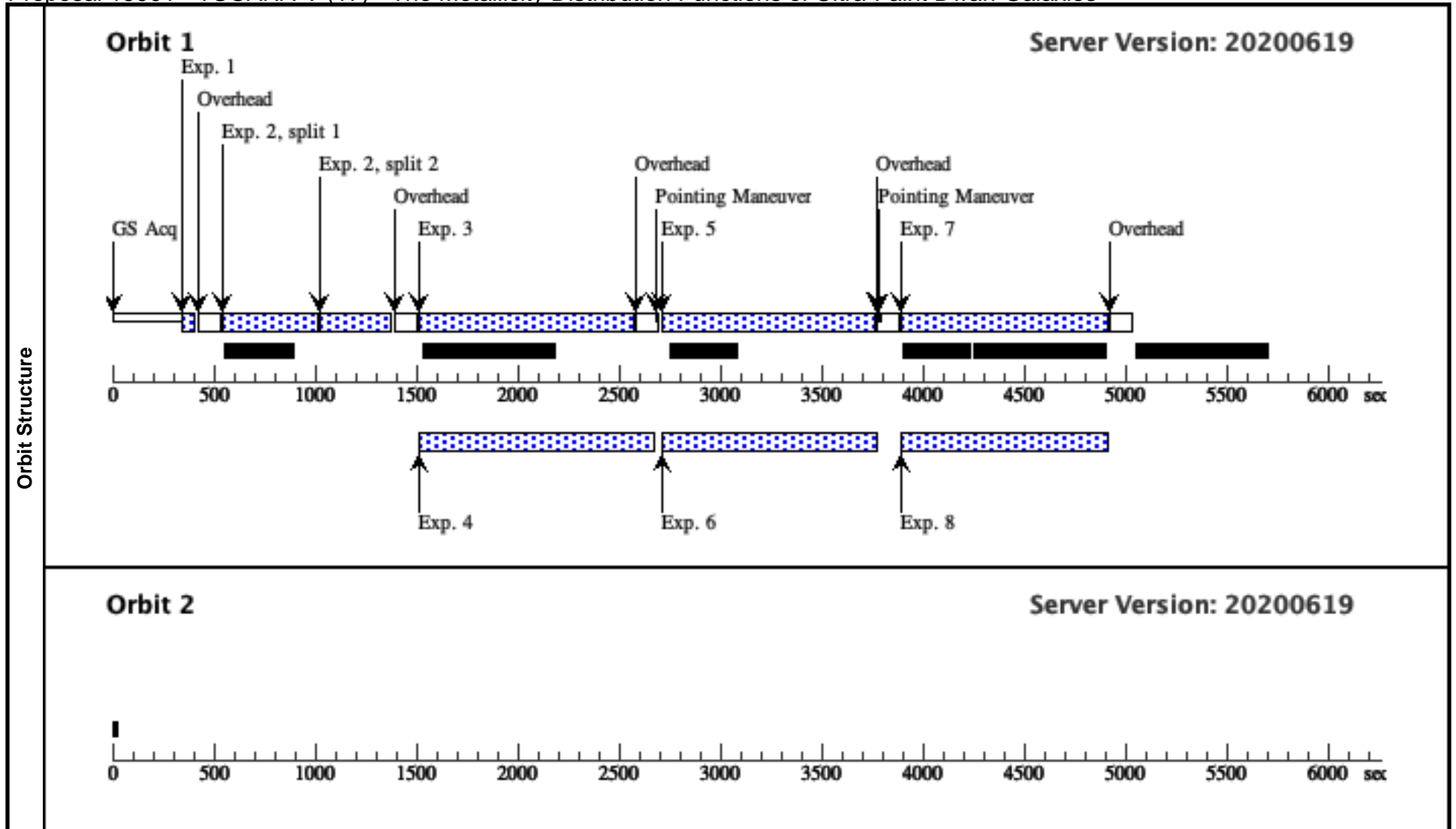




Proposal 15901 - TUCANA-V (17) - The Metallicity Distribution Functions of Ultra-Faint Dwarf Galaxies

Fri Aug 14 15:01:41 GMT 2020

| Visit | Proposal 15901, TUCANA-V (17), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: CVZ | | | | | | | | | |
|-----------|--|--------------|--|------------------------|--------------------------|--------------------------|----------------------|---|---|-------|
| | Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | |
| | (3) | TUCANA-V | RA: 23 37 24.0000 (354.3500000d) Dec: -63 16 12.00 (-63.27000d) Equinox: J2000 | | V=17.1 | Reference Frame: SIMBAD | | | | |
| | <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[DWARF SPHEROIDAL] | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | (3) TUCANA-V | | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=12; CR-SPLIT=NO | | | 30 Secs (30 Secs) [==>] | [1] |
| | 2 | (3) TUCANA-V | | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=5; CR-SPLIT=2 | SAME POS AS 1 | | 700 Secs (700 Secs) [==>(Split 1)] [==>(Split 2)] | [1] |
| | 3 | (3) TUCANA-V | | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | | Prime + Parallel Group 3-4 in TUCANA-V (17) | 1050 Secs (1050 Secs) [==>] | [1] |
| | 4 | ANY | | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | Prime + Parallel Group 3-4 in TUCANA-V (17) | 950 Secs (950 Secs) [==>] | [1] |
| | 5 | (3) TUCANA-V | | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | POS TARG 0.148,0.086 | Prime + Parallel Group 5-6 in TUCANA-V (17) | 1050 Secs (1050 Secs) [==>] | [1] |
| | 6 | ANY | | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | Prime + Parallel Group 5-6 in TUCANA-V (17) | 900 Secs (900 Secs) [==>] | [1] |
| | 7 | (3) TUCANA-V | | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | POS TARG 0.222,0.222 | Prime + Parallel Group 7-8 in TUCANA-V (17) | 1020 Secs (1020 Secs) [==>] | [1] |
| | 8 | ANY | | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | Prime + Parallel Group 7-8 in TUCANA-V (17) | 900 Secs (900 Secs) [==>] | [1] |

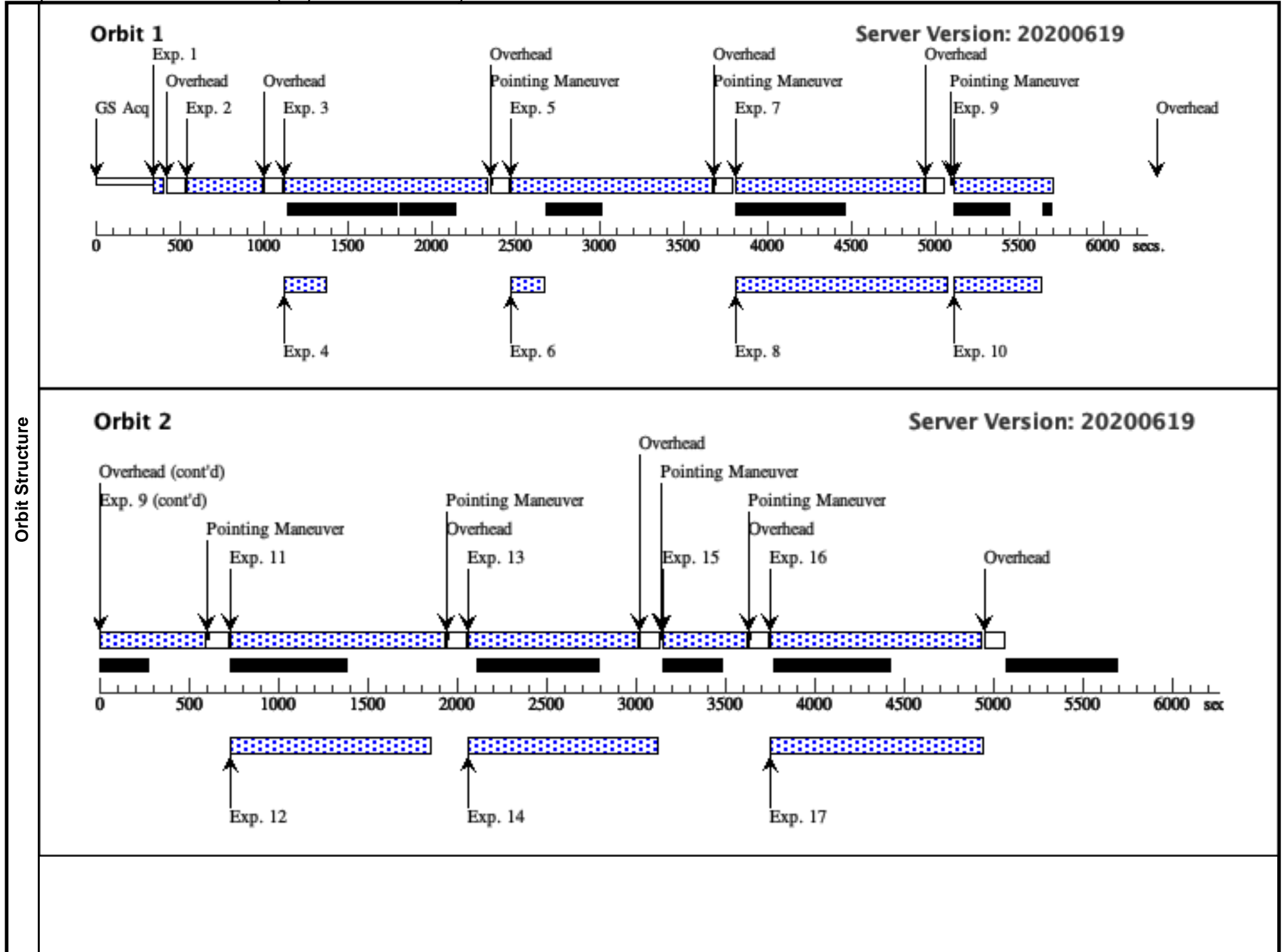


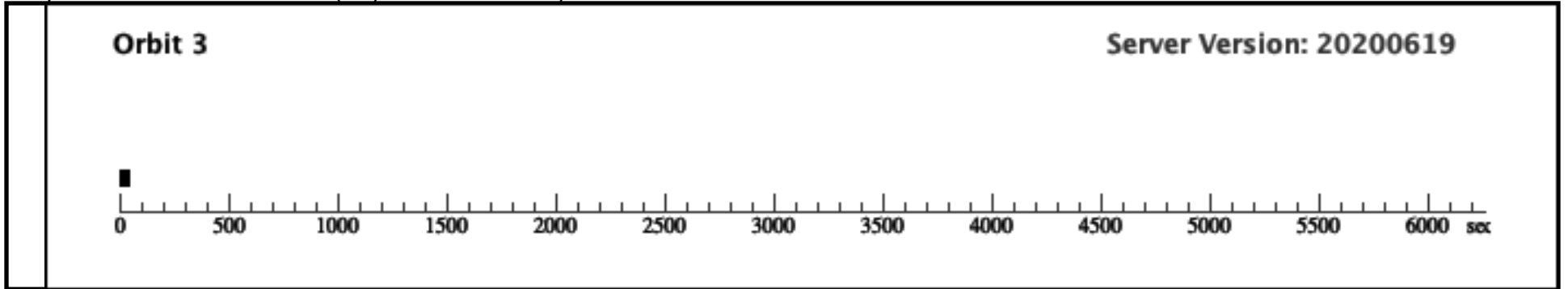
Proposal 15901 - DRACO-II (18) - The Metallicity Distribution Functions of Ultra-Faint Dwarf Galaxies

| | | | | | | |
|--|--|----------|---|---------------------------|---------------------------------|-------------------------|
| Visit | Proposal 15901, DRACO-II (18), completed Fri Aug 14 15:01:41 GMT 2020 Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: CVZ | | | | | |
| | Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes |
| (1) | | DRACO-II | RA: 15 52 47.5920 (238.1983000d) Dec: +64 33 55.08 (64.56530d) Equinox: J2000 | | V=15.9 | Reference Frame: SIMBAD |
| <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Central coordinates were adjusted to match HST observations of Draco II from GO-14734 Category=GALAXY Description=[DWARF SPHEROIDAL]</i> | | | | | | |

Proposal 15901 - DRACO-II (18) - The Metallicity Distribution Functions of Ultra-Faint Dwarf Galaxies

| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
|-----------|----|-------|---------------------|--------------------------|---------------|--------------------------|---|---|---------------------------------|-------|
| | 1 | | (1) DRACO-II | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=12; CR-SPLIT=NO | | | 30 Secs (30 Secs) [==>] | [1] |
| | 2 | | (1) DRACO-II | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=5; CR-SPLIT=NO | SAME POS AS 1 | | 449 Secs (449 Secs) [==>] | [1] |
| | 3 | | (1) DRACO-II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | | Prime + Parallel Group 3-4 in DRACO-II (18) | 1200 Secs (1200 Secs) [==>] | [1] |
| | 4 | | ANY | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | Prime + Parallel Group 3-4 in DRACO-II (18) | 30 Secs (30 Secs) [==>] | [1] |
| | 5 | | (1) DRACO-II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | POS TARG 0.148,0.086 | Prime + Parallel Group 5-6 in DRACO-II (18) | 1200 Secs (1200 Secs) [==>] | [1] |
| | 6 | | ANY | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | Prime + Parallel Group 5-6 in DRACO-II (18) | 30 Secs (30 Secs) [==>] | [1] |
| | 7 | | (1) DRACO-II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | POS TARG 0.222,0.240 | Prime + Parallel Group 7-8 in DRACO-II (18) | 1120 Secs (1120 Secs) [==>] | [1] |
| | 8 | | ANY | ACS/WFC, ACCUM, WFCENTER | F475W | CR-SPLIT=NO | | Prime + Parallel Group 7-8 in DRACO-II (18) | 1100 Secs (1100 Secs) [==>] | [1] |
| | 9 | | (1) DRACO-II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | POS TARG 0.074,0.154 | Prime + Parallel Group 9-10 in DRACO-II (18) | 1200 Secs (1200 Secs) [==>] | [1] |
| | 10 | | ANY | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | Prime + Parallel Group 9-10 in DRACO-II (18) | 400 Secs (400 Secs) [==>] | [1] |
| | 11 | | (1) DRACO-II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10 | POS TARG 0.1740,0.2350 | Prime + Parallel Group 11-12 in DRACO-II (18) | 1200 Secs (1200 Secs) [==>] | [2] |
| | 12 | | ANY | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | Prime + Parallel Group 11-12 in DRACO-II (18) | 1000 Secs (1000 Secs) [==>] | [2] |
| | 13 | | (1) DRACO-II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | POS TARG 0.3232,0.1235 | Prime + Parallel Group 13-14 in DRACO-II (18) | 950 Secs (950 Secs) [==>] | [2] |
| | 14 | | ANY | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | Prime + Parallel Group 13-14 in DRACO-II (18) | 900 Secs (900 Secs) [==>] | [2] |
| | 15 | | (1) DRACO-II | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=5; CR-SPLIT=NO | SAME POS AS 1 | | 440 Secs (440 Secs) [==>] | [2] |
| | 16 | | (1) DRACO-II | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | POS TARG 0.1005,0.3305 | Prime + Parallel Group 16-17 in DRACO-II (18) | 1170 Secs (1170 Secs) [==>] | [2] |
| 17 | | ANY | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | Prime + Parallel Group 16-17 in DRACO-II (18) | 1070 Secs (1070 Secs) [==>] | [2] | |





Proposal 15901 - PICTORIS-I_HOPR06 (Z6) - The Metallicity Distribution Functions of Ultra-Faint Dwarf Galaxies

Fri Aug 14 15:01:41 GMT 2020

| | | | | | | | | | | |
|---|--|---------------------|---|---------------------------------|--------------------------|-------------------------|--|--|--|--------------|
| Visit | Proposal 15901, PICTORIS-I_HOPR06 (Z6) Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS, ACS/WFC Special Requirements: (none) | | | | | | | | | |
| | (PICTORIS-I_HOPR06 (Z6)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (PICTORIS-I_HOPR06 (Z6)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | |
| | (9) | PICTORIS-I | RA: 04 43 47.4000 (70.9475000d) Dec: -50 16 58.80 (-50.28300d) Equinox: J2000 | | V=17.2 | Reference Frame: SIMBAD | | | | |
| <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[DWARF SPHEROIDAL] | | | | | | | | | | |
| Exposures | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit |
| | 1 | (9) PICTORIS-I | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=12; CR-SPLIT=NO | | | | 30 Secs (30 Secs) [==>] | [1] |
| | 2 | (9) PICTORIS-I | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=5; CR-SPLIT=NO | | SAME POS AS 1 | | 450 Secs (450 Secs) [==>] | [1] |
| | 3 | (9) PICTORIS-I | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | | | Prime + Parallel Group 3-4 in PICTORIS-I_HOPR06 (Z6) | 1047 Secs (1047 Secs) [==>] | [1] |
| | 4 | ANY | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | | Prime + Parallel Group 3-4 in PICTORIS-I_HOPR06 (Z6) | 30 Secs (30 Secs) [==>] | [1] |
| | 5 | (9) PICTORIS-I | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | | POS TARG 0.148,0.086 | Prime + Parallel Group 5-6 in PICTORIS-I_HOPR06 (Z6) | 1047 Secs (1047 Secs) [==>] | [1] |
| | 6 | ANY | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | | Prime + Parallel Group 5-6 in PICTORIS-I_HOPR06 (Z6) | 30 Secs (30 Secs) [==>] | [1] |
| | 7 | (9) PICTORIS-I | WFC3/UVIS, ACCUM, UVIS | F475W | FLASH=8; CR-SPLIT=NO | | POS TARG 0.222,0.240 | | 300 Secs (300 Secs) [==>] | [2] |
| | 8 | (9) PICTORIS-I | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | | SAME POS AS 7 | Prime + Parallel Group 8-9 in PICTORIS-I_HOPR06 (Z6) | 1227 Secs (1227 Secs) [==>] | [2] |
| | 9 | ANY | ACS/WFC, ACCUM, WFC | F475W | CR-SPLIT=NO | | | Prime + Parallel Group 8-9 in PICTORIS-I_HOPR06 (Z6) | 1100 Secs (1100 Secs) [==>] | [2] |
| | 10 | (9) PICTORIS-I | WFC3/UVIS, ACCUM, UVIS | F395N | FLASH=10; CR-SPLIT=NO | | POS TARG 0.074,0.154 | Prime + Parallel Group 10-11 in PICTORIS-I_HOPR06 (Z6) | 1213 Secs (1213 Secs) [==>] | [2] |
| 11 | ANY | ACS/WFC, ACCUM, WFC | F814W | CR-SPLIT=NO | | | Prime + Parallel Group 10-11 in PICTORIS-I_HOPR06 (Z6) | 1000 Secs (1000 Secs) [==>] | [2] | |

