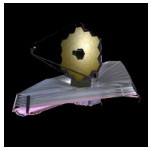

# 10201 - Revealing the Chemical Reservoirs of Giant Planet Nurseries in Orion

Cycle: 5, Proposal Category: GO

**INVESTIGATORS**

| *Name* | *Institution* |
|---|---|
| **Dr. Alice S Booth (PI)** | **Smithsonian Institution Astrophysical Observatory** |
| Dr. Lucas Stapper (CoI) (ESA Member) | Max Planck Institute for Astronomy |
| Dr. Sierra Grant (CoI) | Carnegie Institution of Washington |
| Dr. Ewine F. Van Dishoeck (CoI) (ESA Member) | Universiteit Leiden |
| Prof. Michiel Hogerheijde (CoI) (ESA Member) | Universiteit Leiden |
| Dr. Catherine Walsh (CoI) (ESA Member) | University of Leeds |
| Dr. L.B.F.M. Waters (CoI) (ESA Member) | Universiteit van Amsterdam |
| Dr. Karin Oberg (CoI) (US Admin CoI) | Harvard University |
| Milou Temmink (CoI) (ESA Member) | Universiteit Leiden |
| Marissa Vlasblom (CoI) (ESA Member) | Universiteit Leiden |
| Dr. Jenny Calahan (CoI) | Harvard University |
| Ms. Jenny Frediani (CoI) (ESA Member) | Stockholm University |
| Dr. Arjan Bik (CoI) (ESA Member) | Stockholm University |
| Dr. Maria Claudia Ramirez-Tannus (CoI) (ESA Member) | Max Planck Institute for Astronomy |
| Qijia Zhou (CoI) | Harvard University |
| Dr. Sierk Eyse van Terwisga (CoI) (ESA Member) | Austrian Academy of Sciences |
| Dr. Klaus M. Pontoppidan (CoI) | Jet Propulsion Laboratory |

**OBSERVATIONS**

| *Folder* | *Observation* | *Label* | *Observing Template* | *Science Target* |
|---|---|---|---|---|
| Observation Folder | | | | |
| | 47 | Asteroid_cal | MIRI Medium Resolution Spectroscopy | (47) 526Jena |
| | 1 | | MIRI Medium Resolution Spectroscopy | (1) V-BE-Ori |

| *Folder* | *Observation* | *Label* | *Observing Template* | *Science Target* |
|---|---|---|---|---|
| | 2 | | MIRI Medium Resolution Spectroscopy | (2) V-BF-Ori |
| | 3 | | MIRI Medium Resolution Spectroscopy | (3) HBC-442 |
| | 4 | | MIRI Medium Resolution Spectroscopy | (4) HD-34700 |
| | 5 | | MIRI Medium Resolution Spectroscopy | (5) HD-244314 |
| | 6 | | MIRI Medium Resolution Spectroscopy | (6) HD-244604 |
| | 7 | | MIRI Medium Resolution Spectroscopy | (7) HD-287823 |
| | 8 | | MIRI Medium Resolution Spectroscopy | (8) HD-290380 |
| | 9 | | MIRI Medium Resolution Spectroscopy | (9) HD-290770 |
| | 10 | | MIRI Medium Resolution Spectroscopy | (10) V-NV-Ori |
| | 11 | | MIRI Medium Resolution Spectroscopy | (11) V-RY-Ori |
| | 12 | | MIRI Medium Resolution Spectroscopy | (12) V-SW-Ori |
| | 13 | | MIRI Medium Resolution Spectroscopy | (13) V-V599-Ori |
| | 14 | | MIRI Medium Resolution Spectroscopy | (14) V-V1787-Ori |
| | 15 | | MIRI Medium Resolution Spectroscopy | (15) HD-294260 |
| | 16 | | MIRI Medium Resolution Spectroscopy | (16) PDS-115 |
| | 17 | | MIRI Medium Resolution Spectroscopy | (17) V-CO-Ori |
| | 18 | | MIRI Medium Resolution Spectroscopy | (18) HD-38087 |
| | 19 | | MIRI Medium Resolution Spectroscopy | (19) HD-290409 |
| | 20 | | MIRI Medium Resolution Spectroscopy | (20) HD-37357 |
| | 21 | | MIRI Medium Resolution Spectroscopy | (21) HD-288012 |
| | 22 | | MIRI Medium Resolution Spectroscopy | (22) HD-290500 |
| | 23 | | MIRI Medium Resolution Spectroscopy | (23) V-V1247-Ori |
| | 24 | | MIRI Medium Resolution Spectroscopy | (24) V-V1366-Ori |
| | 25 | | MIRI Medium Resolution Spectroscopy | (25) HD-36917 |
| | 26 | | MIRI Medium Resolution Spectroscopy | (26) HD-37258 |
| | 27 | | MIRI Medium Resolution Spectroscopy | (27) HD-37371 |
| | 28 | | MIRI Medium Resolution Spectroscopy | (28) V-V1012-Ori |
| | 29 | | MIRI Medium Resolution Spectroscopy | (29) HD-287841 |
| | 30 | | MIRI Medium Resolution Spectroscopy | (30) V-V350-Ori |
| | 31 | | MIRI Medium Resolution Spectroscopy | (31) EM-LkHA-310 |
| | 32 | | MIRI Medium Resolution Spectroscopy | (32) Brun-252 |
| | 33 | | MIRI Medium Resolution Spectroscopy | (33) V-EZ-Ori |

| *Folder* | *Observation* | *Label* | *Observing Template* | *Science Target* |
|---|---|---|---|---|
| | 34 | | MIRI Medium Resolution Spectroscopy | (34) V-V815-Ori |
| | 35 | | MIRI Medium Resolution Spectroscopy | (35) V-V1044-Ori |
| | 36 | | MIRI Medium Resolution Spectroscopy | (36) V-V1650-Ori |
| | 38 | | MIRI Medium Resolution Spectroscopy | (38) V-UY-Ori |
| | 39 | | MIRI Medium Resolution Spectroscopy | (39) V-V2056-Ori |
| | 40 | | MIRI Medium Resolution Spectroscopy | (40) V-LS-Ori |
| | 41 | | MIRI Medium Resolution Spectroscopy | (41) V-V2338-Ori |
| | 42 | | MIRI Medium Resolution Spectroscopy | (42) Brun-656 |
| | 43 | | MIRI Medium Resolution Spectroscopy | (43) HD-245370 |
| | 44 | | MIRI Medium Resolution Spectroscopy | (44) HD-37411 |
| | 45 | | MIRI Medium Resolution Spectroscopy | (45) V-V615-Ori |
| | 46 | | MIRI Medium Resolution Spectroscopy | (46) 2MASS-J05424769-0947222 |

**ABSTRACT**

The bulk composition of a giant planet is inherently linked to the material in the disk from which it forms. Within this broader context, disks around intermediate-mass stars (1.5–3.0 Msun) are of particular importance, as exoplanet population demographics reveal that these are the most likely systems to host gas-giant exoplanets. Surprisingly, almost nothing is known about the inner disk chemistry in the peak planet-formation zone of these disks, and very few have been targeted by JWST. Observations of disks around lower-mass stars have revealed clear chemical differences and trends in the inner planet-forming reservoir across spectral types M and K, including significant variations in the C/O ratio with stellar mass. The limited observations of intermediate-mass systems so far suggest these disks are unexpectedly CO2-rich, with low C/O ratios, implying that they may be chemically distinct from their better-studied lower-mass counterparts. However, too few systems have been observed to confirm any definitive trends. Orion is the nearest star-forming complex with a sufficiently large pre-main-sequence population to enable a meaningful survey of these sources. We therefore propose a survey of all young >1.5Msolar G-, F-, A-, and B-type stars in Orion that are observable with JWST/MIRI. We will target these 45 disks with MIRI-MRS where at this distance they are not too bright to saturate the detector. Our legacy dataset will, for the first time, uncover the molecular content of these giant planet-forming disks which is much needed to interpret exoplanet atmospheric data and, complete a comprehensive library of disk spectra across the luminosity regime in Orion.

**OBSERVING DESCRIPTION**

We propose to observe 45 disks around young IMMTs and Herbig Ae/Be stars in Orion with JWST/MIRI-MRS. We use MIRI-MRS with complete wavelength coverage for all targets and set uniform exposure times across the sample such that a minimum S/N of 300 is reached in the line-rich 5-

25micron range of the spectrum. This setup will allow for the detection of key molecular and atomic lines at typical line-to-continuum ratios expected for disks. We will use a four-point dither strategy, the 'FASTR1' readout pattern and include the MIRI simultaneous imaging, with limited time and data cost, as this is the default observing mode. TA is included for all sources except the few that are too bright.

**Fixed Targets**

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (1) | V-BE-Ori | RA: 05 37 0.1082 (84.2504508d)<br>Dec: -06 33 27.32 (-6.55759d)<br>Equinox: J2000 | Proper Motion RA: 0.855 mas/yr<br>Proper Motion Dec: 0.23000000000000004 mas/yr<br>Epoch of Position: 2000 | |
| *Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*<br>*Category=Star*<br>*Description=[Herbig Ae/Be stars, Protoplanetary disks]*<br>*Extended=NO* | | | | |
| (2) | V-BF-Ori | RA: 05 37 13.2624 (84.3052600d)<br>Dec: -06 35 0.57 (-6.58349d)<br>Equinox: J2000 | Proper Motion RA: 0.8730000000000001 mas/yr<br>Proper Motion Dec: 0.654 mas/yr<br>Epoch of Position: 2000 | |
| *Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*<br>*Category=Star*<br>*Description=[Herbig Ae/Be stars, Protoplanetary disks]*<br>*Extended=NO* | | | | |
| (3) | HBC-442 | RA: 05 34 14.1619 (83.5590079d)<br>Dec: -05 36 54.19 (-5.61505d)<br>Equinox: J2000 | Proper Motion RA: 0.661 mas/yr<br>Proper Motion Dec: -0.28200008728163084 mas/yr<br>Epoch of Position: 2000 | |
| *Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*<br>*Category=Star*<br>*Description=[Herbig Ae/Be stars, Protoplanetary disks]*<br>*Extended=NO* | | | | |
| (4) | HD-34700 | RA: 05 19 41.4089 (79.9225371d)<br>Dec: +05 38 42.78 (5.64522d)<br>Equinox: J2000 | Proper Motion RA: 0.603 mas/yr<br>Proper Motion Dec: 1.353 mas/yr<br>Epoch of Position: 2000 | |
| *Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*<br>*Category=Star*<br>*Description=[Herbig Ae/Be stars, Protoplanetary disks]*<br>*Extended=NO* | | | | |
| (5) | HD-244314 | RA: 05 30 19.0247 (82.5792696d)<br>Dec: +11 20 20.00 (11.33889d)<br>Equinox: J2000 | Proper Motion RA: 1.938 mas/yr<br>Proper Motion Dec: -2.1289999267537496 mas/yr<br>Epoch of Position: 2000 | |
| *Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*<br>*Category=Star*<br>*Description=[Herbig Ae/Be stars, Protoplanetary disks]*<br>*Extended=NO* | | | | |
| (6) | HD-244604 | RA: 05 31 57.2511 (82.9885462d)<br>Dec: +11 17 41.37 (11.29482d)<br>Equinox: J2000 | Proper Motion RA: 0.798 mas/yr<br>Proper Motion Dec: -1.3159999298295588 mas/yr<br>Epoch of Position: 2000 | |
| *Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*<br>*Category=Star*<br>*Description=[Herbig Ae/Be stars, Protoplanetary disks]*<br>*Extended=NO* | | | | |
| (7) | HD-287823 | RA: 05 24 8.0485 (81.0335354d)<br>Dec: +02 27 46.88 (2.46302d)<br>Equinox: J2000 | Proper Motion RA: 1.191 mas/yr<br>Proper Motion Dec: -0.4240000862409943 mas/yr<br>Epoch of Position: 2000 | |
| *Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*<br>*Category=Star*<br>*Description=[Herbig Ae/Be stars, Protoplanetary disks]*<br>*Extended=NO* | | | | |

| | | | |
|---|---|---|---|
| (8) | HD-290380 | RA: 05 23 31.0102 (80.8792092d) | Proper Motion RA: 1.503 mas/yr |
| | | Dec: -01 04 23.70 (-1.07325d) | Proper Motion Dec: -0.38800005768280244 mas/yr |
| | | Equinox: J2000 | Epoch of Position: 2000 |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

| | | | |
|---|---|---|---|
| (9) | HD-290770 | RA: 05 37 2.4474 (84.2601975d) | Proper Motion RA: -0.401 mas/yr |
| | | Dec: -01 37 21.36 (-1.62260d) | Proper Motion Dec: -0.6449999318647315 mas/yr |
| | | Equinox: J2000 | Epoch of Position: 2000 |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

| | | | |
|---|---|---|---|
| (10) | V-NV-Ori | RA: 05 35 31.3686 (83.8807025d) | Proper Motion RA: 1.418 mas/yr |
| | | Dec: -05 33 8.87 (-5.55246d) | Proper Motion Dec: 0.48300000000000004 mas/yr |
| | | Equinox: J2000 | Epoch of Position: 2000 |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

| | | | |
|---|---|---|---|
| (11) | V-RY-Ori | RA: 05 32 9.9419 (83.0414246d) | Proper Motion RA: 1.5 mas/yr |
| | | Dec: -02 49 46.77 (-2.82966d) | Proper Motion Dec: -0.5569999757426558 mas/yr |
| | | Equinox: J2000 | Epoch of Position: 2000 |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

| | | | |
|---|---|---|---|
| (12) | V-SW-Ori | RA: 05 34 15.7489 (83.5656204d) | Proper Motion RA: 1.305 mas/yr |
| | | Dec: -06 36 4.67 (-6.60130d) | Proper Motion Dec: 0.44399999999999995 mas/yr |
| | | Equinox: J2000 | Epoch of Position: 2000 |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

| | | | |
|---|---|---|---|
| (13) | V-V599-Ori | RA: 05 38 58.6396 (84.7443317d) | Proper Motion RA: 0.073 mas/yr |
| | | Dec: -07 16 45.63 (-7.27934d) | Proper Motion Dec: -0.6209999810380396 mas/yr |
| | | Equinox: J2000 | Epoch of Position: 2000 |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

| | | | |
|---|---|---|---|
| (14) | V-V1787-Ori | RA: 05 38 9.3040 (84.5387667d) | Proper Motion RA: 0.315 mas/yr |
| | | Dec: -06 49 16.60 (-6.82128d) | Proper Motion Dec: -0.6729999086019234 mas/yr |
| | | Equinox: J2000 | Epoch of Position: 2000 |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

| | | | |
|---|---|---|---|
| (15) | HD-294260 | RA: 05 36 51.2700 (84.2136250d) | Proper Motion RA: 1.0143732546970607 mas/yr |
| | | Dec: -04 25 39.97 (-4.42777d) | Proper Motion Dec: -0.19500178494527978 mas/yr |
| | | Equinox: J2000 | Epoch of Position: 2000 |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

| | | | |
|---|---|---|---|
| (16) | PDS-115 | RA: 05 28 17.8491 (82.0743712d) | Proper Motion RA: 2.471 mas/yr |
| | | Dec: +01 10 6.11 (1.16836d) | Proper Motion Dec: -1.8260000615555327 mas/yr |
| | | Equinox: J2000 | Parallax: 0.0037252" |
| | | | Epoch of Position: 2000 |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=YES*

| | | | |
|---|---|---|---|
| (17) | V-CO-Ori | RA: 05 27 38.3387 (81.9097446d) | Proper Motion RA: 7.6499999999999995 mas/yr |
| | | Dec: +11 25 38.97 (11.42749d) | Proper Motion Dec: 3.4899999999999998 mas/yr |
| | | Equinox: J2000 | Parallax: 0.00307" |
| | | | Epoch of Position: 2000 |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

| | | | |
|---|---|---|---|
| (18) | HD-38087 | RA: 05 43 0.5755 (85.7523979d) | Proper Motion RA: -1.166 mas/yr |
| | | Dec: -02 18 45.39 (-2.31261d) | Proper Motion Dec: -2.3690000489295926 mas/yr |
| | | Equinox: J2000 | Parallax: 0.0026523" |
| | | | Epoch of Position: 2000 |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

| | | | |
|---|---|---|---|
| (19) | HD-290409 | RA: 05 27 5.4734 (81.7728058d) | Proper Motion RA: 0.317 mas/yr |
| | | Dec: +00 25 7.62 (.41878d) | Proper Motion Dec: 1.48 mas/yr |
| | | Equinox: J2000 | Parallax: 0.0024443" |
| | | | Epoch of Position: 2000 |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

| | | | |
|---|---|---|---|
| (20) | HD-37357 | RA: 05 37 47.0795 (84.4461646d) | Proper Motion RA: 0.717 mas/yr |
| | | Dec: -06 42 30.21 (-6.70839d) | Proper Motion Dec: 0.599 mas/yr |
| | | Equinox: J2000 | Parallax: 0.0021466" |
| | | | Epoch of Position: 2000 |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

| | | | |
|---|---|---|---|
| (21) | HD-288012 | RA: 05 33 4.7800 (83.2699167d) | Epoch of Position: 2000 |
| | | Dec: +02 28 9.70 (2.46936d) | |
| | | Equinox: J2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

| | | | |
|---|---|---|---|
| (22) | HD-290500 | RA: 05 29 48.0516 (82.4502150d) | Proper Motion RA: 2.077 mas/yr |
| | | Dec: -00 23 43.51 (-.39542d) | Proper Motion Dec: 1.039 mas/yr |
| | | Equinox: J2000 | Parallax: 0.0024517000000000002" |
| | | | Epoch of Position: 2000 |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

| | | | |
|---|---|---|---|
| (23) | V-V1247-Ori | RA: 05 38 5.2519 (84.5218829d) | Proper Motion RA: -0.391 mas/yr |
| | | Dec: -01 15 21.70 (-1.25603d) | Proper Motion Dec: -0.5300000566421659 mas/yr |
| | | Equinox: J2000 | Parallax: 0.0024918999999999996" |
| | | | Epoch of Position: 2000 |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

| | | | |
|---|---|---|---|
| (24) | V-V1366-Ori | RA: 05 16 0.4765 (79.0019854d) | Proper Motion RA: 0.279 mas/yr |
| | | Dec: -09 48 35.39 (-9.80983d) | Proper Motion Dec: -1.0380000730947359 mas/yr |
| | | Equinox: J2000 | Parallax: 0.0032402999999999998" |
| | | | Epoch of Position: 2000 |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

| | | | |
|---|---|---|---|
| (25) | HD-36917 | RA: 05 34 46.9823 (83.6957596d) | Proper Motion RA: 2.77 mas/yr |
| | | Dec: -05 34 14.58 (-5.57072d) | Proper Motion Dec: -1.742999984344351 mas/yr |
| | | Equinox: J2000 | Parallax: 0.00222" |
| | | | Epoch of Position: 2000 |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

| | | | |
|---|---|---|---|
| (26) | HD-37258 | RA: 05 36 59.2496 (84.2468733d) | Proper Motion RA: 1.7460000000000002 mas/yr |
| | | Dec: -06 09 16.33 (-6.15454d) | Proper Motion Dec: -0.7180000466178171 mas/yr |
| | | Equinox: J2000 | Parallax: 0.0026319" |
| | | | Epoch of Position: 2000 |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

| | | | |
|---|---|---|---|
| (27) | HD-37371 | RA: 05 38 9.9006 (84.5412525d) | Proper Motion RA: -0.164 mas/yr |
| | | Dec: -00 11 1.17 (-.18366d) | Proper Motion Dec: -0.4319999334256863 mas/yr |
| | | Equinox: J2000 | Parallax: 0.00244" |
| | | | Epoch of Position: 2000 |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

| | | | |
|---|---|---|---|
| (28) | V-V1012-Ori | RA: 05 11 36.5463 (77.9022763d) | Proper Motion RA: 1.333 mas/yr |
| | | Dec: -02 22 48.46 (-2.38013d) | Proper Motion Dec: -0.3990000777776004 mas/yr |
| | | Equinox: J2000 | Parallax: 0.0026462" |
| | | | Epoch of Position: 2000 |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

| | | | |
|---|---|---|---|
| (29) | HD-287841 | RA: 05 24 42.8032 (81.1783467d) | Proper Motion RA: 0.9579999999999999 mas/yr |
| | | Dec: +01 43 48.25 (1.73007d) | Proper Motion Dec: -0.9159999990515644 mas/yr |
| | | Equinox: J2000 | Parallax: 0.002948" |
| | | | Epoch of Position: 2000 |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

| | | | |
|---|---|---|---|
| (30) | V-V350-Ori | RA: 05 40 11.7639 (85.0490163d) | Proper Motion RA: 1.469 mas/yr |
| | | Dec: -09 42 11.09 (-9.70308d) | Proper Motion Dec: 0.221 mas/yr |
| | | Equinox: J2000 | Parallax: 0.0025227" |
| | | | Epoch of Position: 2000 |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

| | | | |
|---|---|---|---|
| (31) | EM-LkHA-310 | RA: 05 47 10.9810 (86.7957542d) | Proper Motion RA: -0.304 mas/yr |
| | | Dec: +00 19 14.77 (.32077d) | Proper Motion Dec: -0.15700004496466136 mas/yr |
| | | Equinox: J2000 | Parallax: 0.0023918" |
| | | | Epoch of Position: 2000 |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

| | | | |
|---|---|---|---|
| (32) | Brun-252 | RA: 05 34 24.9601 (83.6040004d) | Proper Motion RA: -0.071 mas/yr |
| | | Dec: -05 22 5.53 (-5.36820d) | Proper Motion Dec: 1.494 mas/yr |
| | | Equinox: J2000 | Parallax: 0.0026354" |
| | | | Epoch of Position: 2000 |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

| | | | |
|---|---|---|---|
| (33) | V-EZ-Ori | RA: 05 34 18.5664 (83.5773600d) | Proper Motion RA: 0.9840000000000001 mas/yr |
| | | Dec: -05 04 47.81 (-5.07995d) | Proper Motion Dec: 1.198 mas/yr |
| | | Equinox: J2000 | Parallax: 0.0027987000000000003" |
| | | | Epoch of Position: 2000 |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

| | | | |
|---|---|---|---|
| (34) | V-V815-Ori | RA: 05 35 52.6271 (83.9692796d) | Proper Motion RA: 0.39 mas/yr |
| | | Dec: -05 05 5.62 (-5.08489d) | Proper Motion Dec: 0.48300000000000004 mas/yr |
| | | Equinox: J2000 | Parallax: 0.0025528" |
| | | | Epoch of Position: 2000 |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

| | | | |
|---|---|---|---|
| (35) | V-V1044-Ori | RA: 05 34 16.4603 (83.5685846d) | Proper Motion RA: 0.66 mas/yr |
| | | Dec: -05 36 45.64 (-5.61268d) | Proper Motion Dec: -0.3170000582031207 mas/yr |
| | | Equinox: J2000 | Parallax: 0.0025788" |
| | | | Epoch of Position: 2000 |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

| | | | |
|---|---|---|---|
| (36) | V-V1650-Ori | RA: 05 29 11.4394 (82.2976642d) | Proper Motion RA: 1.443 mas/yr |
| | | Dec: -06 08 5.40 (-6.13483d) | Proper Motion Dec: 0.245 mas/yr |
| | | Equinox: J2000 | Parallax: 0.0028106" |
| | | | Epoch of Position: 2000 |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

| | | | |
|---|---|---|---|
| (38) | V-UY-Ori | RA: 05 32 0.3111 (83.0012962d) | Proper Motion RA: 2.13 mas/yr |
| | | Dec: -04 55 53.89 (-4.93164d) | Proper Motion Dec: 0.317 mas/yr |
| | | Equinox: J2000 | Parallax: 0.002846" |
| | | | Epoch of Position: 2000 |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

| | | | |
|---|---|---|---|
| (39) | V-V2056-Ori | RA: 05 34 49.9813 (83.7082554d) | Proper Motion RA: 0.939 mas/yr |
| | | Dec: -05 18 44.65 (-5.31240d) | Proper Motion Dec: 0.805 mas/yr |
| | | Equinox: J2000 | Parallax: 0.0025625" |
| | | | Epoch of Position: 2000 |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

| | | | |
|---|---|---|---|
| (40) | V-LS-Ori | RA: 05 35 10.4288 (83.7934533d) | Proper Motion RA: 0.159 mas/yr |
| | | Dec: -05 38 24.70 (-5.64019d) | Proper Motion Dec: -0.0809999619377777 mas/yr |
| | | Equinox: J2000 | Parallax: 0.0026013" |
| | | | Epoch of Position: 2000 |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

| | | | |
|---|---|---|---|
| (41) | V-V2338-Ori | RA: 05 35 18.8084 (83.8283683d) | Proper Motion RA: 0.426 mas/yr |
| | | Dec: -05 17 29.10 (-5.29142d) | Proper Motion Dec: 0.43599999999999994 mas/yr |
| | | Equinox: J2000 | Parallax: 0.0023585" |
| | | | Epoch of Position: 2000 |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

| | | | |
|---|---|---|---|
| (42) | Brun-656 | RA: 05 35 21.3153 (83.8388137d) | Proper Motion RA: 2.528 mas/yr |
| | | Dec: -05 12 12.61 (-5.20350d) | Proper Motion Dec: -4.283000066607201 mas/yr |
| | | Equinox: J2000 | Parallax: 0.0019928" |
| | | | Epoch of Position: 2000 |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

| | | | |
|---|---|---|---|
| (43) | HD-245370 | RA: 05 36 9.3976 (84.0391567d) | Proper Motion RA: 1.057 mas/yr |
| | | Dec: +10 01 25.46 (10.02374d) | Proper Motion Dec: -1.017999943542236 mas/yr |
| | | Equinox: J2000 | Parallax: 0.0025775999999999998" |
| | | | Epoch of Position: 2000 |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

| | | | |
|---|---|---|---|
| (44) | HD-37411 | RA: 05 38 14.5073 (84.5604471d) | Proper Motion RA: 0.10899999999999999 mas/yr |
| | | Dec: -05 25 13.30 (-5.42036d) | Proper Motion Dec: -1.230000088980887 mas/yr |
| | | Equinox: J2000 | Parallax: 0.0028536" |
| | | | Epoch of Position: 2000 |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*

| | | | |
|---|---|---|---|
| (45) | V-V615-Ori | RA: 05 41 24.5019 (85.3520913d) | Proper Motion RA: 1.081 mas/yr |
| | | Dec: -02 22 36.24 (-2.37673d) | Proper Motion Dec: 1.901 mas/yr |
| | | Equinox: J2000 | Parallax: 0.0024479000000000002" |
| | | | Epoch of Position: 2000 |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*

| | | | | |
|---|---|---|---|---|
| | (46) | 2MASS-J05424769-0947222 | RA: 05 42 47.6958 (85.6987325d)<br>Dec: -09 47 22.32 (-9.78953d)<br>Equinox: J2000 | Proper Motion RA: 0.377 mas/yr<br>Proper Motion Dec: -0.9999999292631401 mas/yr<br>Parallax: 0.0024605"<br>Epoch of Position: 2000 |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*

**Solar System Targets**

| # | Name | Level 1 | Level 2 | Level 3 |
|---|---|---|---|---|
| (47) | 526Jena | TYPE=ASTEROID,A=3.124162141469638,E=0.1362<br>77569246821,I=2.172003277696343,O=137.79296964<br>52252,W=357.2536376896855,M=328.534592274921<br>3,EQUINOX=J2000,EPOCH=02-JUN-<br>2013:00:00:00,EpochTimeScale=TDB | | |

*Comments: Extended=NO*

## Observation

**Proposal 10201, Observation 47: Asteroid_cal**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 47:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

(Asteroid_cal (Obs 47)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.

## Solar System Targets

| # | Name | Level 1 | Level 2 | Level 3 |
|---|---|---|---|---|
| (47) | 526Jena | TYPE=ASTEROID,A=3.124162141469638,E=0.1362<br>77569246821,I=2.172003277696343,O=137.79296964<br>52252,W=357.2536376896855,M=328.534592274921<br>3,EQUINOX=J2000,EPOCH=02-JUN-<br>2013:00:00:00,EpochTimeScale=TDB | | |

*Comments: Extended=NO*

## Acquisition

| # | Target | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|
| 1 | SAME | FND | FAST | 4 | 1 | 1 | 11.1 | 50758 |

## Template

| Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|
| All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F560W | FASTR1 | 5 | 13 | 1 | Dither 1 | 4 | 52 | 854.712 | 50758 |
| 1 | SHORT(A) | MRSLONG | | FASTR1 | 15 | 5 | 1 | Dither 1 | 4 | 20 | 876.913 | 50758 |
| 1 | SHORT(A) | MRSSHORT | | FASTR1 | 26 | 3 | 1 | Dither 1 | 4 | 12 | 888.013 | 50758 |
| 2 | | IMAGER | F770W | FASTR1 | 5 | 13 | 1 | Dither 1 | 4 | 52 | 854.712 | 50758 |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 15 | 5 | 1 | Dither 1 | 4 | 20 | 876.913 | 50758 |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 26 | 3 | 1 | Dither 1 | 4 | 12 | 888.013 | 50758 |
| 3 | | IMAGER | F1000W | FASTR1 | 5 | 13 | 1 | Dither 1 | 4 | 52 | 854.712 | 50758 |
| 3 | LONG(C) | MRSLONG | | FASTR1 | 15 | 5 | 1 | Dither 1 | 4 | 20 | 876.913 | 50758 |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 26 | 3 | 1 | Dither 1 | 4 | 12 | 888.013 | 50758 |

| Special Requirements | DEFAULT WINDOW: ANGULAR RATE 526Jena FROM JWST LESS THAN 0.075 |
|---|---|

## Observation

**Proposal 10201, Observation 1**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 1:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (1) | V-BE-Ori | RA: 05 37 0.1082 (84.2504508d) | Proper Motion RA: 0.855 mas/yr | |
| | | Dec: -06 33 27.32 (-6.55759d) | Proper Motion Dec: 0.23000000000000004 mas/yr | |
| | | Equinox: J2000 | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

## Acquisition

| # | Target | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|
| 1 | SAME | FND | FAST | 4 | 1 | 1 | 11.1 | 273740 |

## Template

| Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|
| All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F560W | FASTR1 | 30 | 1 | 1 | Dither 1 | 4 | 4 | 333.005 | |
| 1 | SHORT(A) | MRSLONG | | FASTR1 | 30 | 2 | 1 | Dither 1 | 4 | 8 | 677.11 | |
| 1 | SHORT(A) | MRSSHORT | | FASTR1 | 30 | 2 | 1 | Dither 1 | 4 | 8 | 677.11 | |
| 2 | | IMAGER | F770W | FASTR1 | 30 | 1 | 1 | Dither 1 | 4 | 4 | 333.005 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 30 | 2 | 1 | Dither 1 | 4 | 8 | 677.11 | |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 30 | 2 | 1 | Dither 1 | 4 | 8 | 677.11 | |
| 3 | | IMAGER | F1000W | FASTR1 | 30 | 1 | 1 | Dither 1 | 4 | 4 | 333.005 | |
| 3 | LONG(C) | MRSLONG | | FASTR1 | 30 | 2 | 1 | Dither 1 | 4 | 8 | 677.11 | |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 30 | 2 | 1 | Dither 1 | 4 | 8 | 677.11 | |

## Observation

**Proposal 10201, Observation 2**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 2:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (2) | V-BF-Ori | RA: 05 37 13.2624 (84.3052600d) | Proper Motion RA: 0.8730000000000001 mas/yr | |
| | | Dec: -06 35 0.57 (-6.58349d) | Proper Motion Dec: 0.654 mas/yr | |
| | | Equinox: J2000 | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

## Acquisition

| # | Target | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|
| 1 | SAME | FND | FAST | 4 | 1 | 1 | 11.1 | 273751 |

## Template

| Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|
| All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F1000W | FASTR1 | 20 | 1 | 1 | Dither 1 | 4 | 4 | 222.003 | |
| 1 | LONG(C) | MRSLONG | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 1 | LONG(C) | MRSSHORT | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 2 | | IMAGER | F770W | FASTR1 | 20 | 1 | 1 | Dither 1 | 4 | 4 | 222.003 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 3 | | IMAGER | F560W | FASTR1 | 20 | 1 | 1 | Dither 1 | 4 | 4 | 222.003 | |
| 3 | SHORT(A) | MRSLONG | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 3 | SHORT(A) | MRSSHORT | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |

## Observation

**Proposal 10201, Observation 3**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 3:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (3) | HBC-442 | RA: 05 34 14.1619 (83.5590079d) | Proper Motion RA: 0.661 mas/yr | |
| | | Dec: -05 36 54.19 (-5.61505d) | Proper Motion Dec: -0.28200008728163084 mas/yr | |
| | | Equinox: J2000 | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

## Acquisition

| # | Target | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|
| 1 | SAME | FND | FAST | 4 | 1 | 1 | 11.1 | 273805 |

## Template

| Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|
| All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F560W | FASTR1 | 18 | 1 | 1 | Dither 1 | 4 | 4 | 199.803 | |
| 1 | SHORT(A) | MRSLONG | | FASTR1 | 18 | 3 | 1 | Dither 1 | 4 | 12 | 621.609 | |
| 1 | SHORT(A) | MRSSHORT | | FASTR1 | 18 | 3 | 1 | Dither 1 | 4 | 12 | 621.609 | |
| 2 | | IMAGER | F770W | FASTR1 | 18 | 1 | 1 | Dither 1 | 4 | 4 | 199.803 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 18 | 3 | 1 | Dither 1 | 4 | 12 | 621.609 | |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 18 | 3 | 1 | Dither 1 | 4 | 12 | 621.609 | |
| 3 | | IMAGER | F1000W | FASTR1 | 18 | 1 | 1 | Dither 1 | 4 | 4 | 199.803 | |
| 3 | LONG(C) | MRSLONG | | FASTR1 | 18 | 3 | 1 | Dither 1 | 4 | 12 | 621.609 | |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 11 | 5 | 1 | Dither 1 | 4 | 20 | 654.909 | |

## Observation

**Proposal 10201, Observation 4**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 4:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (4) | HD-34700 | RA: 05 19 41.4089 (79.9225371d) | Proper Motion RA: 0.603 mas/yr | |
| | | Dec: +05 38 42.78 (5.64522d) | Proper Motion Dec: 1.353 mas/yr | |
| | | Equinox: J2000 | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

## Acquisition

| # | Target | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|
| 1 | SAME | FND | FAST | 8 | 1 | 1 | 22.2 | 273806 |

## Template

| Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|
| All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F560W | FASTR1 | 30 | 1 | 1 | Dither 1 | 4 | 4 | 333.005 | |
| 1 | SHORT(A) | MRSLONG | | FASTR1 | 30 | 3 | 1 | Dither 1 | 4 | 12 | 1021.215 | |
| 1 | SHORT(A) | MRSSHORT | | FASTR1 | 30 | 3 | 1 | Dither 1 | 4 | 12 | 1021.215 | |
| 2 | | IMAGER | F770W | FASTR1 | 30 | 1 | 1 | Dither 1 | 4 | 4 | 333.005 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 30 | 3 | 1 | Dither 1 | 4 | 12 | 1021.215 | |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 30 | 3 | 1 | Dither 1 | 4 | 12 | 1021.215 | |
| 3 | | IMAGER | F1000W | FASTR1 | 30 | 1 | 1 | Dither 1 | 4 | 4 | 333.005 | |
| 3 | LONG(C) | MRSLONG | | FASTR1 | 30 | 3 | 1 | Dither 1 | 4 | 12 | 1021.215 | |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 30 | 3 | 1 | Dither 1 | 4 | 12 | 1021.215 | |

## Observation

**Proposal 10201, Observation 5**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 5:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (5) | HD-244314 | RA: 05 30 19.0247 (82.5792696d) | Proper Motion RA: 1.938 mas/yr | |
| | | Dec: +11 20 20.00 (11.33889d) | Proper Motion Dec: -2.1289999267537496 mas/yr | |
| | | Equinox: J2000 | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

## Acquisition

| # | Target | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|
| 1 | SAME | FND | FAST | 4 | 1 | 1 | 11.1 | 273815 |

## Template

| Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|
| All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F560W | FASTR1 | 20 | 1 | 1 | Dither 1 | 4 | 4 | 222.003 | |
| 1 | SHORT(A) | MRSLONG | | FASTR1 | 20 | 2 | 1 | Dither 1 | 4 | 8 | 455.107 | |
| 1 | SHORT(A) | MRSSHORT | | FASTR1 | 20 | 2 | 1 | Dither 1 | 4 | 8 | 455.107 | |
| 2 | | IMAGER | F770W | FASTR1 | 20 | 1 | 1 | Dither 1 | 4 | 4 | 222.003 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 20 | 2 | 1 | Dither 1 | 4 | 8 | 455.107 | |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 20 | 2 | 1 | Dither 1 | 4 | 8 | 455.107 | |
| 3 | | IMAGER | F1000W | FASTR1 | 20 | 1 | 1 | Dither 1 | 4 | 4 | 222.003 | |
| 3 | LONG(C) | MRSLONG | | FASTR1 | 20 | 2 | 1 | Dither 1 | 4 | 8 | 455.107 | |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 20 | 2 | 1 | Dither 1 | 4 | 8 | 455.107 | |

## Observation

**Proposal 10201, Observation 6**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 6:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (6) | HD-244604 | RA: 05 31 57.2511 (82.9885462d) | Proper Motion RA: 0.798 mas/yr | |
| | | Dec: +11 17 41.37 (11.29482d) | Proper Motion Dec: -1.3159999298295588 mas/yr | |
| | | Equinox: J2000 | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

## Acquisition

| # | Target |
|---|---|
| 1 | NONE |

## Template

| AcqFilter | Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|---|
| | All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F1000W | FASTR1 | 10 | 1 | 1 | Dither 1 | 4 | 4 | 111.002 | |
| 1 | LONG(C) | MRSLONG | | FASTR1 | 10 | 3 | 1 | Dither 1 | 4 | 12 | 355.205 | 274102 |
| 1 | LONG(C) | MRSSHORT | | FASTR1 | 10 | 3 | 1 | Dither 1 | 4 | 12 | 355.205 | 274102 |
| 2 | | IMAGER | F770W | FASTR1 | 10 | 1 | 1 | Dither 1 | 4 | 4 | 111.002 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 10 | 3 | 1 | Dither 1 | 4 | 12 | 355.205 | 274102 |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 10 | 3 | 1 | Dither 1 | 4 | 12 | 355.205 | 274102 |
| 3 | | IMAGER | F560W | FASTR1 | 10 | 1 | 1 | Dither 1 | 4 | 4 | 111.002 | |
| 3 | SHORT(A) | MRSLONG | | FASTR1 | 10 | 3 | 1 | Dither 1 | 4 | 12 | 355.205 | 274102 |
| 3 | SHORT(A) | MRSSHORT | | FASTR1 | 10 | 3 | 1 | Dither 1 | 4 | 12 | 355.205 | 274102 |

## Observation

**Proposal 10201, Observation 7**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 7:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (7) | HD-287823 | RA: 05 24 8.0485 (81.0335354d) | Proper Motion RA: 1.191 mas/yr | |
| | | Dec: +02 27 46.88 (2.46302d) | Proper Motion Dec: -0.4240000862409943 mas/yr | |
| | | Equinox: J2000 | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

## Acquisition

| # | Target | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|
| 1 | SAME | FND | FAST | 4 | 1 | 1 | 11.1 | 274111 |

## Template

| Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|
| All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F560W | FASTR1 | 12 | 1 | 1 | Dither 1 | 4 | 4 | 133.202 | |
| 1 | SHORT(A) | MRSLONG | | FASTR1 | 12 | 3 | 1 | Dither 1 | 4 | 12 | 421.806 | |
| 1 | SHORT(A) | MRSSHORT | | FASTR1 | 12 | 3 | 1 | Dither 1 | 4 | 12 | 421.806 | |
| 2 | | IMAGER | F770W | FASTR1 | 12 | 1 | 1 | Dither 1 | 4 | 4 | 133.202 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 12 | 3 | 1 | Dither 1 | 4 | 12 | 421.806 | |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 12 | 3 | 1 | Dither 1 | 4 | 12 | 421.806 | |
| 3 | | IMAGER | F1000W | FASTR1 | 12 | 1 | 1 | Dither 1 | 4 | 4 | 133.202 | |
| 3 | LONG(C) | MRSLONG | | FASTR1 | 12 | 3 | 1 | Dither 1 | 4 | 12 | 421.806 | |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 12 | 3 | 1 | Dither 1 | 4 | 12 | 421.806 | |

## Observation

**Proposal 10201, Observation 8**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 8:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (8) | HD-290380 | RA: 05 23 31.0102 (80.8792092d) | Proper Motion RA: 1.503 mas/yr | |
| | | Dec: -01 04 23.70 (-1.07325d) | Proper Motion Dec: -0.38800005768280244 mas/yr | |
| | | Equinox: J2000 | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

## Acquisition

| # | Target | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|
| 1 | SAME | FND | FAST | 6 | 1 | 1 | 16.65 | 274114 |

## Template

| Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|
| All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F560W | FASTR1 | 15 | 1 | 1 | Dither 1 | 4 | 4 | 166.502 | |
| 1 | SHORT(A) | MRSLONG | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 1 | SHORT(A) | MRSSHORT | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 2 | | IMAGER | F770W | FASTR1 | 15 | 1 | 1 | Dither 1 | 4 | 4 | 166.502 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 3 | | IMAGER | F1000W | FASTR1 | 15 | 1 | 1 | Dither 1 | 4 | 4 | 166.502 | |
| 3 | LONG(C) | MRSLONG | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |

## Observation

**Proposal 10201, Observation 9**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 9:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (9) | HD-290770 | RA: 05 37 2.4474 (84.2601975d) | Proper Motion RA: -0.401 mas/yr | |
| | | Dec: -01 37 21.36 (-1.62260d) | Proper Motion Dec: -0.6449999318647315 mas/yr | |
| | | Equinox: J2000 | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

## Acquisition

| # | Target |
|---|---|
| 1 | NONE |

## Template

| AcqFilter | Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|---|
| | All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F560W | FASTR1 | 10 | 1 | 1 | Dither 1 | 4 | 4 | 111.002 | |
| 1 | SHORT(A) | MRSLONG | | FASTR1 | 10 | 3 | 1 | Dither 1 | 4 | 12 | 355.205 | 274120 |
| 1 | SHORT(A) | MRSSHORT | | FASTR1 | 10 | 3 | 1 | Dither 1 | 4 | 12 | 355.205 | 274120 |
| 2 | | IMAGER | F770W | FASTR1 | 10 | 1 | 1 | Dither 1 | 4 | 4 | 111.002 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 10 | 3 | 1 | Dither 1 | 4 | 12 | 355.205 | 274120 |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 10 | 3 | 1 | Dither 1 | 4 | 12 | 355.205 | 274120 |
| 3 | | IMAGER | F1000W | FASTR1 | 10 | 1 | 1 | Dither 1 | 4 | 4 | 111.002 | |
| 3 | LONG(C) | MRSLONG | | FASTR1 | 10 | 3 | 1 | Dither 1 | 4 | 12 | 355.205 | 274120 |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 10 | 3 | 1 | Dither 1 | 4 | 12 | 355.205 | 274120 |

## Observation

**Proposal 10201, Observation 10**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 10:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (10) | V-NV-Ori | RA: 05 35 31.3686 (83.8807025d) | Proper Motion RA: 1.418 mas/yr | |
| | | Dec: -05 33 8.87 (-5.55246d) | Proper Motion Dec: 0.48300000000000004 mas/yr | |
| | | Equinox: J2000 | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

## Acquisition

| # | Target |
|---|---|
| 1 | NONE |

## Template

| AcqFilter | Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|---|
| FND | All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F560W | FASTR1 | 10 | 1 | 1 | Dither 1 | 4 | 4 | 111.002 | |
| 1 | SHORT(A) | MRSLONG | | FASTR1 | 10 | 4 | 1 | Dither 1 | 4 | 16 | 477.307 | 274121 |
| 1 | SHORT(A) | MRSSHORT | | FASTR1 | 10 | 4 | 1 | Dither 1 | 4 | 16 | 477.307 | 274121 |
| 2 | | IMAGER | F770W | FASTR1 | 10 | 1 | 1 | Dither 1 | 4 | 4 | 111.002 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 10 | 4 | 1 | Dither 1 | 4 | 16 | 477.307 | 274121 |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 10 | 4 | 1 | Dither 1 | 4 | 16 | 477.307 | 274121 |
| 3 | | IMAGER | F1000W | FASTR1 | 10 | 1 | 1 | Dither 1 | 4 | 4 | 111.002 | |
| 3 | LONG(C) | MRSLONG | | FASTR1 | 10 | 4 | 1 | Dither 1 | 4 | 16 | 477.307 | 224608 |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 10 | 4 | 1 | Dither 1 | 4 | 16 | 477.307 | 274121 |

## Observation

**Proposal 10201, Observation 11**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 11:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (11) | V-RY-Ori | RA: 05 32 9.9419 (83.0414246d) | Proper Motion RA: 1.5 mas/yr | |
| | | Dec: -02 49 46.77 (-2.82966d) | Proper Motion Dec: -0.5569999757426558 mas/yr | |
| | | Equinox: J2000 | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

## Acquisition

| # | Target | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|
| 1 | SAME | FND | FAST | 4 | 1 | 1 | 11.1 | 274129 |

## Template

| Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|
| All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F560W | FASTR1 | 18 | 1 | 1 | Dither 1 | 4 | 4 | 199.803 | |
| 1 | SHORT(A) | MRSLONG | | FASTR1 | 18 | 3 | 1 | Dither 1 | 4 | 12 | 621.609 | |
| 1 | SHORT(A) | MRSSHORT | | FASTR1 | 18 | 3 | 1 | Dither 1 | 4 | 12 | 621.609 | |
| 2 | | IMAGER | F770W | FASTR1 | 18 | 1 | 1 | Dither 1 | 4 | 4 | 199.803 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 18 | 3 | 1 | Dither 1 | 4 | 12 | 621.609 | |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 18 | 3 | 1 | Dither 1 | 4 | 12 | 621.609 | |
| 3 | | IMAGER | F1000W | FASTR1 | 18 | 1 | 1 | Dither 1 | 4 | 4 | 199.803 | |
| 3 | LONG(C) | MRSLONG | | FASTR1 | 18 | 3 | 1 | Dither 1 | 4 | 12 | 621.609 | |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 18 | 3 | 1 | Dither 1 | 4 | 12 | 621.609 | |

## Observation

**Proposal 10201, Observation 12**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 12:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (12) | V-SW-Ori | RA: 05 34 15.7489 (83.5656204d) | Proper Motion RA: 1.305 mas/yr | |
| | | Dec: -06 36 4.67 (-6.60130d) | Proper Motion Dec: 0.44399999999999995 mas/yr | |
| | | Equinox: J2000 | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

## Acquisition

| # | Target | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|
| 1 | SAME | FND | FAST | 8 | 1 | 1 | 22.2 | 274141 |

## Template

| Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|
| All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F560W | FASTR1 | 20 | 1 | 1 | Dither 1 | 4 | 4 | 222.003 | |
| 1 | SHORT(A) | MRSLONG | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 1 | SHORT(A) | MRSSHORT | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 2 | | IMAGER | F770W | FASTR1 | 20 | 1 | 1 | Dither 1 | 4 | 4 | 222.003 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 3 | | IMAGER | F1000W | FASTR1 | 20 | 1 | 1 | Dither 1 | 4 | 4 | 222.003 | |
| 3 | LONG(C) | MRSLONG | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |

## Observation

**Proposal 10201, Observation 13**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 13:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (13) | V-V599-Ori | RA: 05 38 58.6396 (84.7443317d) | Proper Motion RA: 0.073 mas/yr | |
| | | Dec: -07 16 45.63 (-7.27934d) | Proper Motion Dec: -0.6209999810380396 mas/yr | |
| | | Equinox: J2000 | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

## Acquisition

| # | Target | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|
| 1 | SAME | FND | FAST | 4 | 1 | 1 | 11.1 | 274146 |

## Template

| Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|
| All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F560W | FASTR1 | 10 | 1 | 1 | Dither 1 | 4 | 4 | 111.002 | |
| 1 | SHORT(A) | MRSLONG | | FASTR1 | 10 | 3 | 1 | Dither 1 | 4 | 12 | 355.205 | |
| 1 | SHORT(A) | MRSSHORT | | FASTR1 | 10 | 3 | 1 | Dither 1 | 4 | 12 | 355.205 | |
| 2 | | IMAGER | F770W | FASTR1 | 10 | 1 | 1 | Dither 1 | 4 | 4 | 111.002 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 10 | 3 | 1 | Dither 1 | 4 | 12 | 355.205 | |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 10 | 3 | 1 | Dither 1 | 4 | 12 | 355.205 | |
| 3 | | IMAGER | F1000W | FASTR1 | 10 | 1 | 1 | Dither 1 | 4 | 4 | 111.002 | |
| 3 | LONG(C) | MRSLONG | | FASTR1 | 10 | 3 | 1 | Dither 1 | 4 | 12 | 355.205 | |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 10 | 3 | 1 | Dither 1 | 4 | 12 | 355.205 | |

## Observation

**Proposal 10201, Observation 14**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 14:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (14) | V-V1787-Ori | RA: 05 38 9.3040 (84.5387667d) | Proper Motion RA: 0.315 mas/yr | |
| | | Dec: -06 49 16.60 (-6.82128d) | Proper Motion Dec: -0.6729999086019234 mas/yr | |
| | | Equinox: J2000 | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

## Acquisition

| # | Target |
|---|---|
| 1 | NONE |

## Template

| AcqFilter | Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|---|
| | All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F560W | FASTR1 | 12 | 1 | 1 | Dither 1 | 4 | 4 | 133.202 | |
| 1 | SHORT(A) | MRSLONG | | FASTR1 | 12 | 3 | 1 | Dither 1 | 4 | 12 | 421.806 | 274148 |
| 1 | SHORT(A) | MRSSHORT | | FASTR1 | 6 | 6 | 1 | Dither 1 | 4 | 24 | 455.107 | |
| 2 | | IMAGER | F770W | FASTR1 | 12 | 1 | 1 | Dither 1 | 4 | 4 | 133.202 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 12 | 3 | 1 | Dither 1 | 4 | 12 | 421.806 | |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 6 | 6 | 1 | Dither 1 | 4 | 24 | 455.107 | |
| 3 | | IMAGER | F1000W | FASTR1 | 12 | 1 | 1 | Dither 1 | 4 | 4 | 133.202 | |
| 3 | LONG(C) | MRSLONG | | FASTR1 | 12 | 3 | 1 | Dither 1 | 4 | 12 | 421.806 | |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 6 | 6 | 1 | Dither 1 | 4 | 24 | 455.107 | |

## Observation

**Proposal 10201, Observation 15**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 15:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (15) | HD-294260 | RA: 05 36 51.2700 (84.2136250d) | Proper Motion RA: 1.0143732546970607 mas/yr | |
| | | Dec: -04 25 39.97 (-4.42777d) | Proper Motion Dec: -0.19500178494527978 mas/yr | |
| | | Equinox: J2000 | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

## Acquisition

| # | Target | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|
| 1 | SAME | FND | FAST | 6 | 1 | 1 | 16.65 | 274150 |

## Template

| Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|
| All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F560W | FASTR1 | 16 | 1 | 1 | Dither 1 | 4 | 4 | 177.603 | |
| 1 | SHORT(A) | MRSLONG | | FASTR1 | 16 | 3 | 1 | Dither 1 | 4 | 12 | 555.008 | |
| 1 | SHORT(A) | MRSSHORT | | FASTR1 | 16 | 3 | 1 | Dither 1 | 4 | 12 | 555.008 | |
| 2 | | IMAGER | F770W | FASTR1 | 16 | 1 | 1 | Dither 1 | 4 | 4 | 177.603 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 16 | 3 | 1 | Dither 1 | 4 | 12 | 555.008 | |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 16 | 3 | 1 | Dither 1 | 4 | 12 | 555.008 | |
| 3 | | IMAGER | F1000W | FASTR1 | 16 | 1 | 1 | Dither 1 | 4 | 4 | 177.603 | |
| 3 | LONG(C) | MRSLONG | | FASTR1 | 16 | 3 | 1 | Dither 1 | 4 | 12 | 555.008 | |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 16 | 3 | 1 | Dither 1 | 4 | 12 | 555.008 | |

## Observation

**Proposal 10201, Observation 16**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 16:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (16) | PDS-115 | RA: 05 28 17.8491 (82.0743712d) | Proper Motion RA: 2.471 mas/yr | |
| | | Dec: +01 10 6.11 (1.16836d) | Proper Motion Dec: -1.8260000615555327 mas/yr | |
| | | Equinox: J2000 | Parallax: 0.0037252" | |
| | | | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=YES*

## Acquisition

| # | Target | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|
| 1 | SAME | FND | FAST | 8 | 1 | 1 | 22.2 | 274155 |

## Template

| Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|
| All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F560W | FASTR1 | 22 | 1 | 1 | Dither 1 | 4 | 4 | 244.204 | |
| 1 | SHORT(A) | MRSLONG | | FASTR1 | 22 | 3 | 1 | Dither 1 | 4 | 12 | 754.811 | |
| 1 | SHORT(A) | MRSSHORT | | FASTR1 | 22 | 3 | 1 | Dither 1 | 4 | 12 | 754.811 | |
| 2 | | IMAGER | F770W | FASTR1 | 22 | 1 | 1 | Dither 1 | 4 | 4 | 244.204 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 22 | 3 | 1 | Dither 1 | 4 | 12 | 754.811 | |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 22 | 3 | 1 | Dither 1 | 4 | 12 | 754.811 | |
| 3 | | IMAGER | F1000W | FASTR1 | 22 | 1 | 1 | Dither 1 | 4 | 4 | 244.204 | |
| 3 | LONG(C) | MRSLONG | | FASTR1 | 22 | 3 | 1 | Dither 1 | 4 | 12 | 754.811 | |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 22 | 3 | 1 | Dither 1 | 4 | 12 | 754.811 | |

## Observation

**Proposal 10201, Observation 17**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 17:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (17) | V-CO-Ori | RA: 05 27 38.3387 (81.9097446d) | Proper Motion RA: 7.6499999999999995 mas/yr | |
| | | Dec: +11 25 38.97 (11.42749d) | Proper Motion Dec: 3.4899999999999998 mas/yr | |
| | | Equinox: J2000 | Parallax: 0.00307" | |
| | | | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

## Acquisition

| # | Target | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|
| 1 | SAME | FND | FAST | 4 | 1 | 1 | 11.1 | 274160 |

## Template

| Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|
| All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F560W | FASTR1 | 8 | 1 | 1 | Dither 1 | 4 | 4 | 88.801 | |
| 1 | SHORT(A) | MRSLONG | | FASTR1 | 8 | 4 | 1 | Dither 1 | 4 | 16 | 388.506 | |
| 1 | SHORT(A) | MRSSHORT | | FASTR1 | 12 | 3 | 1 | Dither 1 | 4 | 12 | 421.806 | |
| 2 | | IMAGER | F770W | FASTR1 | 8 | 1 | 1 | Dither 1 | 4 | 4 | 88.801 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 8 | 4 | 1 | Dither 1 | 4 | 16 | 388.506 | |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 12 | 3 | 1 | Dither 1 | 4 | 12 | 421.806 | |
| 3 | | IMAGER | F1000W | FASTR1 | 8 | 1 | 1 | Dither 1 | 4 | 4 | 88.801 | |
| 3 | LONG(C) | MRSLONG | | FASTR1 | 8 | 4 | 1 | Dither 1 | 4 | 16 | 388.506 | |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 12 | 3 | 1 | Dither 1 | 4 | 12 | 421.806 | |

## Observation

**Proposal 10201, Observation 18**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 18:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (18) | HD-38087 | RA: 05 43 0.5755 (85.7523979d) | Proper Motion RA: -1.166 mas/yr | |
| | | Dec: -02 18 45.39 (-2.31261d) | Proper Motion Dec: -2.3690000489295926 mas/yr | |
| | | Equinox: J2000 | Parallax: 0.0026523" | |
| | | | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

## Acquisition

| # | Target | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|
| 1 | SAME | FND | FAST | 6 | 1 | 1 | 16.65 | 274169 |

## Template

| Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|
| All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F560W | FASTR1 | 20 | 1 | 1 | Dither 1 | 4 | 4 | 222.003 | |
| 1 | SHORT(A) | MRSLONG | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 1 | SHORT(A) | MRSSHORT | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 2 | | IMAGER | F770W | FASTR1 | 20 | 1 | 1 | Dither 1 | 4 | 4 | 222.003 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 3 | | IMAGER | F1000W | FASTR1 | 20 | 1 | 1 | Dither 1 | 4 | 4 | 222.003 | |
| 3 | LONG(C) | MRSLONG | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |

## Observation

**Proposal 10201, Observation 19**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 19:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (19) | HD-290409 | RA: 05 27 5.4734 (81.7728058d) | Proper Motion RA: 0.317 mas/yr | |
| | | Dec: +00 25 7.62 (.41878d) | Proper Motion Dec: 1.48 mas/yr | |
| | | Equinox: J2000 | Parallax: 0.0024443" | |
| | | | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

## Acquisition

| # | Target | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|
| 1 | SAME | FND | FAST | 4 | 1 | 1 | 11.1 | 274176 |

## Template

| Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|
| All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F560W | FASTR1 | 20 | 1 | 1 | Dither 1 | 4 | 4 | 222.003 | |
| 1 | SHORT(A) | MRSLONG | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 1 | SHORT(A) | MRSSHORT | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 2 | | IMAGER | F770W | FASTR1 | 20 | 1 | 1 | Dither 1 | 4 | 4 | 222.003 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 3 | | IMAGER | F1000W | FASTR1 | 20 | 1 | 1 | Dither 1 | 4 | 4 | 222.003 | |
| 3 | LONG(C) | MRSLONG | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |

## Observation

**Proposal 10201, Observation 20**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 20:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (20) | HD-37357 | RA: 05 37 47.0795 (84.4461646d) | Proper Motion RA: 0.717 mas/yr | |
| | | Dec: -06 42 30.21 (-6.70839d) | Proper Motion Dec: 0.599 mas/yr | |
| | | Equinox: J2000 | Parallax: 0.0021466" | |
| | | | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

## Acquisition

| # | Target | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|
| 1 | SAME | FND | FAST | 4 | 1 | 1 | 11.1 | 274175 |

## Template

| Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|
| All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F1000W | FASTR1 | 12 | 1 | 1 | Dither 1 | 4 | 4 | 133.202 | |
| 1 | LONG(C) | MRSLONG | | FASTR1 | 12 | 3 | 1 | Dither 1 | 4 | 12 | 421.806 | |
| 1 | LONG(C) | MRSSHORT | | FASTR1 | 12 | 3 | 1 | Dither 1 | 4 | 12 | 421.806 | |
| 2 | | IMAGER | F770W | FASTR1 | 12 | 1 | 1 | Dither 1 | 4 | 4 | 133.202 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 12 | 3 | 1 | Dither 1 | 4 | 12 | 421.806 | |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 12 | 3 | 1 | Dither 1 | 4 | 12 | 421.806 | |
| 3 | | IMAGER | F560W | FASTR1 | 12 | 1 | 1 | Dither 1 | 4 | 4 | 133.202 | |
| 3 | SHORT(A) | MRSLONG | | FASTR1 | 12 | 3 | 1 | Dither 1 | 4 | 12 | 421.806 | |
| 3 | SHORT(A) | MRSSHORT | | FASTR1 | 12 | 3 | 1 | Dither 1 | 4 | 12 | 421.806 | |

## Observation

**Proposal 10201, Observation 21**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 21:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (21) | HD-288012 | RA: 05 33 4.7800 (83.2699167d)<br>Dec: +02 28 9.70 (2.46936d)<br>Equinox: J2000 | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

## Acquisition

| # | Target | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|
| 1 | SAME | FND | FAST | 10 | 1 | 1 | 27.75 | 274209 |

## Template

| Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|
| All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F1000W | FASTR1 | 40 | 1 | 1 | Dither 1 | 4 | 4 | 444.006 | |
| 1 | LONG(C) | MRSLONG | | FASTR1 | 40 | 5 | 1 | Dither 1 | 4 | 20 | 2264.433 | |
| 1 | LONG(C) | MRSSHORT | | FASTR1 | 40 | 5 | 1 | Dither 1 | 4 | 20 | 2264.433 | |
| 2 | | IMAGER | F770W | FASTR1 | 40 | 1 | 1 | Dither 1 | 4 | 4 | 444.006 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 40 | 5 | 1 | Dither 1 | 4 | 20 | 2264.433 | |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 40 | 5 | 1 | Dither 1 | 4 | 20 | 2264.433 | |
| 3 | | IMAGER | F560W | FASTR1 | 40 | 1 | 1 | Dither 1 | 4 | 4 | 444.006 | |
| 3 | SHORT(A) | MRSLONG | | FASTR1 | 40 | 5 | 1 | Dither 1 | 4 | 20 | 2264.433 | |
| 3 | SHORT(A) | MRSSHORT | | FASTR1 | 40 | 5 | 1 | Dither 1 | 4 | 20 | 2264.433 | |

## Observation

**Proposal 10201, Observation 22**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 22:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (22) | HD-290500 | RA: 05 29 48.0516 (82.4502150d) | Proper Motion RA: 2.077 mas/yr | |
| | | Dec: -00 23 43.51 (-.39542d) | Proper Motion Dec: 1.039 mas/yr | |
| | | Equinox: J2000 | Parallax: 0.0024517000000000002" | |
| | | | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

## Acquisition

| # | Target | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|
| 1 | SAME | FND | FAST | 10 | 1 | 1 | 27.75 | 274219 |

## Template

| Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|
| All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F560W | FASTR1 | 20 | 1 | 1 | Dither 1 | 4 | 4 | 222.003 | |
| 1 | SHORT(A) | MRSLONG | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 1 | SHORT(A) | MRSSHORT | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 2 | | IMAGER | F770W | FASTR1 | 20 | 1 | 1 | Dither 1 | 4 | 4 | 222.003 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 3 | | IMAGER | F1000W | FASTR1 | 20 | 1 | 1 | Dither 1 | 4 | 4 | 222.003 | |
| 3 | LONG(C) | MRSLONG | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |

## Observation

**Proposal 10201, Observation 23**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 23:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (23) | V-V1247-Ori | RA: 05 38 5.2519 (84.5218829d) | Proper Motion RA: -0.391 mas/yr | |
| | | Dec: -01 15 21.70 (-1.25603d) | Proper Motion Dec: -0.5300000566421659 mas/yr | |
| | | Equinox: J2000 | Parallax: 0.0024918999999999996" | |
| | | | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

## Acquisition

| # | Target | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|
| 1 | SAME | FND | FAST | 4 | 1 | 1 | 11.1 | 274221 |

## Template

| Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|
| All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F560W | FASTR1 | 12 | 1 | 1 | Dither 1 | 4 | 4 | 133.202 | |
| 1 | SHORT(A) | MRSLONG | | FASTR1 | 12 | 3 | 1 | Dither 1 | 4 | 12 | 421.806 | |
| 1 | SHORT(A) | MRSSHORT | | FASTR1 | 12 | 3 | 1 | Dither 1 | 4 | 12 | 421.806 | |
| 2 | | IMAGER | F770W | FASTR1 | 12 | 1 | 1 | Dither 1 | 4 | 4 | 133.202 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 12 | 3 | 1 | Dither 1 | 4 | 12 | 421.806 | |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 12 | 3 | 1 | Dither 1 | 4 | 12 | 421.806 | |
| 3 | | IMAGER | F1000W | FASTR1 | 12 | 1 | 1 | Dither 1 | 4 | 4 | 133.202 | |
| 3 | LONG(C) | MRSLONG | | FASTR1 | 12 | 3 | 1 | Dither 1 | 4 | 12 | 421.806 | |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 12 | 3 | 1 | Dither 1 | 4 | 12 | 421.806 | |

## Observation

**Proposal 10201, Observation 24**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 24:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (24) | V-V1366-Ori | RA: 05 16 0.4765 (79.0019854d) | Proper Motion RA: 0.279 mas/yr | |
| | | Dec: -09 48 35.39 (-9.80983d) | Proper Motion Dec: -1.0380000730947359 mas/yr | |
| | | Equinox: J2000 | Parallax: 0.0032402999999999998" | |
| | | | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

## Acquisition

| # | Target | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|
| 1 | SAME | FND | FAST | 6 | 1 | 1 | 16.65 | 274223 |

## Template

| Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|
| All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F560W | FASTR1 | 20 | 1 | 1 | Dither 1 | 4 | 4 | 222.003 | |
| 1 | SHORT(A) | MRSLONG | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 1 | SHORT(A) | MRSSHORT | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 2 | | IMAGER | F770W | FASTR1 | 20 | 1 | 1 | Dither 1 | 4 | 4 | 222.003 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 3 | | IMAGER | F1000W | FASTR1 | 20 | 1 | 1 | Dither 1 | 4 | 4 | 222.003 | |
| 3 | LONG(C) | MRSLONG | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |

## Observation

**Proposal 10201, Observation 25**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 25:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (25) | HD-36917 | RA: 05 34 46.9823 (83.6957596d) | Proper Motion RA: 2.77 mas/yr | |
| | | Dec: -05 34 14.58 (-5.57072d) | Proper Motion Dec: -1.742999984344351 mas/yr | |
| | | Equinox: J2000 | Parallax: 0.00222" | |
| | | | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

## Acquisition

| # | Target |
|---|---|
| 1 | NONE |

## Template

| AcqFilter | Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|---|
| FND | All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F560W | FASTR1 | 7 | 1 | 1 | Dither 1 | 4 | 4 | 77.701 | 274227 |
| 1 | SHORT(A) | MRSLONG | | FASTR1 | 7 | 5 | 1 | Dither 1 | 4 | 20 | 432.906 | |
| 1 | SHORT(A) | MRSSHORT | | FASTR1 | 7 | 5 | 1 | Dither 1 | 4 | 20 | 432.906 | |
| 2 | | IMAGER | F770W | FASTR1 | 7 | 1 | 1 | Dither 1 | 4 | 4 | 77.701 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 7 | 5 | 1 | Dither 1 | 4 | 20 | 432.906 | |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 7 | 5 | 1 | Dither 1 | 4 | 20 | 432.906 | |
| 3 | | IMAGER | F1000W | FASTR1 | 7 | 1 | 1 | Dither 1 | 4 | 4 | 77.701 | |
| 3 | LONG(C) | MRSLONG | | FASTR1 | 7 | 5 | 1 | Dither 1 | 4 | 20 | 432.906 | |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 7 | 5 | 1 | Dither 1 | 4 | 20 | 432.906 | |

## Observation

**Proposal 10201, Observation 26**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 26:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (26) | HD-37258 | RA: 05 36 59.2496 (84.2468733d) | Proper Motion RA: 1.7460000000000002 mas/yr | |
| | | Dec: -06 09 16.33 (-6.15454d) | Proper Motion Dec: -0.7180000466178171 mas/yr | |
| | | Equinox: J2000 | Parallax: 0.0026319" | |
| | | | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

## Acquisition

| # | Target | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|
| 1 | SAME | FND | FAST | 10 | 1 | 1 | 27.75 | 274232 |

## Template

| Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|
| All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F560W | FASTR1 | 30 | 1 | 1 | Dither 1 | 4 | 4 | 333.005 | 271042 |
| 1 | SHORT(A) | MRSLONG | | FASTR1 | 30 | 4 | 1 | Dither 1 | 4 | 16 | 1365.32 | |
| 1 | SHORT(A) | MRSSHORT | | FASTR1 | 30 | 4 | 1 | Dither 1 | 4 | 16 | 1365.32 | |
| 2 | | IMAGER | F770W | FASTR1 | 30 | 1 | 1 | Dither 1 | 4 | 4 | 333.005 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 30 | 4 | 1 | Dither 1 | 4 | 16 | 1365.32 | |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 30 | 4 | 1 | Dither 1 | 4 | 16 | 1365.32 | |
| 3 | | IMAGER | F1000W | FASTR1 | 30 | 1 | 1 | Dither 1 | 4 | 4 | 333.005 | |
| 3 | LONG(C) | MRSLONG | | FASTR1 | 30 | 4 | 1 | Dither 1 | 4 | 16 | 1365.32 | |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 30 | 4 | 1 | Dither 1 | 4 | 16 | 1365.32 | |

## Observation

**Proposal 10201, Observation 27**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 27:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (27) | HD-37371 | RA: 05 38 9.9006 (84.5412525d) | Proper Motion RA: -0.164 mas/yr | |
| | | Dec: -00 11 1.17 (-.18366d) | Proper Motion Dec: -0.4319999334256863 mas/yr | |
| | | Equinox: J2000 | Parallax: 0.00244" | |
| | | | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

## Acquisition

| # | Target | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|
| 1 | SAME | FND | FAST | 6 | 1 | 1 | 16.65 | 271042 |

## Template

| Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|
| All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F560W | FASTR1 | 15 | 1 | 1 | Dither 1 | 4 | 4 | 166.502 | 271042 |
| 1 | SHORT(A) | MRSLONG | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 1 | SHORT(A) | MRSSHORT | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 2 | | IMAGER | F770W | FASTR1 | 15 | 1 | 1 | Dither 1 | 4 | 4 | 166.502 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 3 | | IMAGER | F1000W | FASTR1 | 15 | 1 | 1 | Dither 1 | 4 | 4 | 166.502 | |
| 3 | LONG(C) | MRSLONG | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |

## Observation

**Proposal 10201, Observation 28**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 28:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (28) | V-V1012-Ori | RA: 05 11 36.5463 (77.9022763d) | Proper Motion RA: 1.333 mas/yr | |
| | | Dec: -02 22 48.46 (-2.38013d) | Proper Motion Dec: -0.3990000777776004 mas/yr | |
| | | Equinox: J2000 | Parallax: 0.0026462" | |
| | | | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

## Acquisition

| # | Target | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|
| 1 | SAME | FND | FAST | 10 | 1 | 1 | 27.75 | 274241 |

## Template

| Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|
| All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F560W | FASTR1 | 15 | 1 | 1 | Dither 1 | 4 | 4 | 166.502 | |
| 1 | SHORT(A) | MRSLONG | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 1 | SHORT(A) | MRSSHORT | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 2 | | IMAGER | F770W | FASTR1 | 15 | 1 | 1 | Dither 1 | 4 | 4 | 166.502 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 3 | | IMAGER | F1000W | FASTR1 | 15 | 1 | 1 | Dither 1 | 4 | 4 | 166.502 | |
| 3 | LONG(C) | MRSLONG | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |

## Observation

**Proposal 10201, Observation 29**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 29:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (29) | HD-287841 | RA: 05 24 42.8032 (81.1783467d) | Proper Motion RA: 0.9579999999999999 mas/yr | |
| | | Dec: +01 43 48.25 (1.73007d) | Proper Motion Dec: -0.9159999990515644 mas/yr | |
| | | Equinox: J2000 | Parallax: 0.002948" | |
| | | | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

## Acquisition

| # | Target | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|
| 1 | SAME | FND | FAST | 10 | 1 | 1 | 27.75 | 274253 |

## Template

| Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|
| All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F560W | FASTR1 | 15 | 1 | 1 | Dither 1 | 4 | 4 | 166.502 | 274253 |
| 1 | SHORT(A) | MRSLONG | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 1 | SHORT(A) | MRSSHORT | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 2 | | IMAGER | F770W | FASTR1 | 15 | 1 | 1 | Dither 1 | 4 | 4 | 166.502 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 3 | | IMAGER | F1000W | FASTR1 | 15 | 1 | 1 | Dither 1 | 4 | 4 | 166.502 | |
| 3 | LONG(C) | MRSLONG | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |

## Observation

**Proposal 10201, Observation 30**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 30:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (30) | V-V350-Ori | RA: 05 40 11.7639 (85.0490163d) | Proper Motion RA: 1.469 mas/yr | |
| | | Dec: -09 42 11.09 (-9.70308d) | Proper Motion Dec: 0.221 mas/yr | |
| | | Equinox: J2000 | Parallax: 0.0025227" | |
| | | | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

## Acquisition

| # | Target | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|
| 1 | SAME | FND | FAST | 6 | 1 | 1 | 16.65 | 274256 |

## Template

| Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|
| All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F560W | FASTR1 | 15 | 1 | 1 | Dither 1 | 4 | 4 | 166.502 | 271042 |
| 1 | SHORT(A) | MRSLONG | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 1 | SHORT(A) | MRSSHORT | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 2 | | IMAGER | F770W | FASTR1 | 15 | 1 | 1 | Dither 1 | 4 | 4 | 166.502 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 3 | | IMAGER | F1000W | FASTR1 | 15 | 1 | 1 | Dither 1 | 4 | 4 | 166.502 | |
| 3 | LONG(C) | MRSLONG | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |

## Observation

**Proposal 10201, Observation 31**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 31:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (31) | EM-LkHA-310 | RA: 05 47 10.9810 (86.7957542d) | Proper Motion RA: -0.304 mas/yr | |
| | | Dec: +00 19 14.77 (.32077d) | Proper Motion Dec: -0.15700004496466136 mas/yr | |
| | | Equinox: J2000 | Parallax: 0.0023918" | |
| | | | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

## Acquisition

| # | Target | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|
| 1 | SAME | FND | FAST | 6 | 1 | 1 | 16.65 | 274259 |

## Template

| Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|
| All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F560W | FASTR1 | 20 | 1 | 1 | Dither 1 | 4 | 4 | 222.003 | |
| 1 | SHORT(A) | MRSLONG | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 1 | SHORT(A) | MRSSHORT | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 2 | | IMAGER | F770W | FASTR1 | 20 | 1 | 1 | Dither 1 | 4 | 4 | 222.003 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 3 | | IMAGER | F1000W | FASTR1 | 20 | 1 | 1 | Dither 1 | 4 | 4 | 222.003 | |
| 3 | LONG(C) | MRSLONG | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |

## Observation

**Proposal 10201, Observation 32**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 32:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (32) | Brun-252 | RA: 05 34 24.9601 (83.6040004d) | Proper Motion RA: -0.071 mas/yr | |
| | | Dec: -05 22 5.53 (-5.36820d) | Proper Motion Dec: 1.494 mas/yr | |
| | | Equinox: J2000 | Parallax: 0.0026354" | |
| | | | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

## Acquisition

| # | Target | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|
| 1 | SAME | FND | FAST | 10 | 1 | 1 | 27.75 | 274264 |

## Template

| Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|
| All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F560W | FASTR1 | 50 | 1 | 1 | Dither 1 | 4 | 4 | 555.008 | |
| 1 | SHORT(A) | MRSLONG | | FASTR1 | 50 | 3 | 1 | Dither 1 | 4 | 12 | 1687.224 | |
| 1 | SHORT(A) | MRSSHORT | | FASTR1 | 50 | 3 | 1 | Dither 1 | 4 | 12 | 1687.224 | |
| 2 | | IMAGER | F770W | FASTR1 | 50 | 1 | 1 | Dither 1 | 4 | 4 | 555.008 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 50 | 3 | 1 | Dither 1 | 4 | 12 | 1687.224 | |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 50 | 3 | 1 | Dither 1 | 4 | 12 | 1687.224 | |
| 3 | | IMAGER | F1000W | FASTR1 | 50 | 1 | 1 | Dither 1 | 4 | 4 | 555.008 | |
| 3 | LONG(C) | MRSLONG | | FASTR1 | 50 | 3 | 1 | Dither 1 | 4 | 12 | 1687.224 | |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 50 | 3 | 1 | Dither 1 | 4 | 12 | 1687.224 | |

## Observation

**Proposal 10201, Observation 33**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 33:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (33) | V-EZ-Ori | RA: 05 34 18.5664 (83.5773600d) | Proper Motion RA: 0.9840000000000001 mas/yr | |
| | | Dec: -05 04 47.81 (-5.07995d) | Proper Motion Dec: 1.198 mas/yr | |
| | | Equinox: J2000 | Parallax: 0.0027987000000000003" | |
| | | | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

## Acquisition

| # | Target | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|
| 1 | SAME | FND | FAST | 10 | 1 | 1 | 27.75 | 274268 |

## Template

| Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|
| All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F560W | FASTR1 | 20 | 1 | 1 | Dither 1 | 4 | 4 | 222.003 | |
| 1 | SHORT(A) | MRSLONG | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 1 | SHORT(A) | MRSSHORT | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 2 | | IMAGER | F770W | FASTR1 | 20 | 1 | 1 | Dither 1 | 4 | 4 | 222.003 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 3 | | IMAGER | F1000W | FASTR1 | 20 | 1 | 1 | Dither 1 | 4 | 4 | 222.003 | |
| 3 | LONG(C) | MRSLONG | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |

## Observation

**Proposal 10201, Observation 34**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 34:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (34) | V-V815-Ori | RA: 05 35 52.6271 (83.9692796d) | Proper Motion RA: 0.39 mas/yr | |
| | | Dec: -05 05 5.62 (-5.08489d) | Proper Motion Dec: 0.48300000000000004 mas/yr | |
| | | Equinox: J2000 | Parallax: 0.0025528" | |
| | | | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

## Acquisition

| # | Target | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|
| 1 | SAME | FND | FAST | 10 | 1 | 1 | 27.75 | 274274 |

## Template

| Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|
| All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F560W | FASTR1 | 20 | 1 | 1 | Dither 1 | 4 | 4 | 222.003 | |
| 1 | SHORT(A) | MRSLONG | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 1 | SHORT(A) | MRSSHORT | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 2 | | IMAGER | F770W | FASTR1 | 20 | 1 | 1 | Dither 1 | 4 | 4 | 222.003 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 3 | | IMAGER | F1000W | FASTR1 | 20 | 1 | 1 | Dither 1 | 4 | 4 | 222.003 | |
| 3 | LONG(C) | MRSLONG | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |

## Observation

**Proposal 10201, Observation 35**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 35:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (35) | V-V1044-Ori | RA: 05 34 16.4603 (83.5685846d) | Proper Motion RA: 0.66 mas/yr | |
| | | Dec: -05 36 45.64 (-5.61268d) | Proper Motion Dec: -0.3170000582031207 mas/yr | |
| | | Equinox: J2000 | Parallax: 0.0025788" | |
| | | | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

## Acquisition

| # | Target | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|
| 1 | SAME | FND | FAST | 10 | 1 | 1 | 27.75 | 274282 |

## Template

| Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|
| All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F560W | FASTR1 | 30 | 1 | 1 | Dither 1 | 4 | 4 | 333.005 | |
| 1 | SHORT(A) | MRSLONG | | FASTR1 | 30 | 3 | 1 | Dither 1 | 4 | 12 | 1021.215 | |
| 1 | SHORT(A) | MRSSHORT | | FASTR1 | 30 | 3 | 1 | Dither 1 | 4 | 12 | 1021.215 | |
| 2 | | IMAGER | F770W | FASTR1 | 30 | 1 | 1 | Dither 1 | 4 | 4 | 333.005 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 30 | 3 | 1 | Dither 1 | 4 | 12 | 1021.215 | |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 30 | 3 | 1 | Dither 1 | 4 | 12 | 1021.215 | |
| 3 | | IMAGER | F1000W | FASTR1 | 30 | 1 | 1 | Dither 1 | 4 | 4 | 333.005 | |
| 3 | LONG(C) | MRSLONG | | FASTR1 | 30 | 3 | 1 | Dither 1 | 4 | 12 | 1021.215 | |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 30 | 3 | 1 | Dither 1 | 4 | 12 | 1021.215 | |

## Observation

**Proposal 10201, Observation 36**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 36:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (36) | V-V1650-Ori | RA: 05 29 11.4394 (82.2976642d) | Proper Motion RA: 1.443 mas/yr | |
| | | Dec: -06 08 5.40 (-6.13483d) | Proper Motion Dec: 0.245 mas/yr | |
| | | Equinox: J2000 | Parallax: 0.0028106" | |
| | | | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

## Acquisition

| # | Target | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|
| 1 | SAME | FND | FAST | 4 | 1 | 1 | 11.1 | 274287 |

## Template

| Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|
| All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F560W | FASTR1 | 15 | 1 | 1 | Dither 1 | 4 | 4 | 166.502 | |
| 1 | SHORT(A) | MRSLONG | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 1 | SHORT(A) | MRSSHORT | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 2 | | IMAGER | F770W | FASTR1 | 15 | 1 | 1 | Dither 1 | 4 | 4 | 166.502 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 3 | | IMAGER | F1000W | FASTR1 | 15 | 1 | 1 | Dither 1 | 4 | 4 | 166.502 | |
| 3 | LONG(C) | MRSLONG | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |

## Observation

**Proposal 10201, Observation 38**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 38:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (38) | V-UY-Ori | RA: 05 32 0.3111 (83.0012962d) | Proper Motion RA: 2.13 mas/yr | |
| | | Dec: -04 55 53.89 (-4.93164d) | Proper Motion Dec: 0.317 mas/yr | |
| | | Equinox: J2000 | Parallax: 0.002846" | |
| | | | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

## Acquisition

| # | Target |
|---|---|
| 1 | NONE |

## Template

| AcqFilter | Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|---|
| FND | All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F560W | FASTR1 | 12 | 1 | 1 | Dither 1 | 4 | 4 | 133.202 | 274287 |
| 1 | SHORT(A) | MRSLONG | | FASTR1 | 12 | 3 | 1 | Dither 1 | 4 | 12 | 421.806 | |
| 1 | SHORT(A) | MRSSHORT | | FASTR1 | 12 | 3 | 1 | Dither 1 | 4 | 12 | 421.806 | |
| 2 | | IMAGER | F770W | FASTR1 | 12 | 1 | 1 | Dither 1 | 4 | 4 | 133.202 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 12 | 3 | 1 | Dither 1 | 4 | 12 | 421.806 | |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 12 | 3 | 1 | Dither 1 | 4 | 12 | 421.806 | |
| 3 | | IMAGER | F1000W | FASTR1 | 12 | 1 | 1 | Dither 1 | 4 | 4 | 133.202 | |
| 3 | LONG(C) | MRSLONG | | FASTR1 | 12 | 3 | 1 | Dither 1 | 4 | 12 | 421.806 | |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 12 | 3 | 1 | Dither 1 | 4 | 12 | 421.806 | |

## Observation

**Proposal 10201, Observation 39**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 39:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (39) | V-V2056-Ori | RA: 05 34 49.9813 (83.7082554d) | Proper Motion RA: 0.939 mas/yr | |
| | | Dec: -05 18 44.65 (-5.31240d) | Proper Motion Dec: 0.805 mas/yr | |
| | | Equinox: J2000 | Parallax: 0.0025625" | |
| | | | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

## Acquisition

| # | Target | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|
| 1 | SAME | FND | FAST | 4 | 1 | 1 | 11.1 | 274300 |

## Template

| Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|
| All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F560W | FASTR1 | 20 | 1 | 1 | Dither 1 | 4 | 4 | 222.003 | |
| 1 | SHORT(A) | MRSLONG | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 1 | SHORT(A) | MRSSHORT | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 2 | | IMAGER | F770W | FASTR1 | 20 | 1 | 1 | Dither 1 | 4 | 4 | 222.003 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 3 | | IMAGER | F1000W | FASTR1 | 20 | 1 | 1 | Dither 1 | 4 | 4 | 222.003 | |
| 3 | LONG(C) | MRSLONG | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |

## Observation

**Proposal 10201, Observation 40**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 40:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (40) | V-LS-Ori | RA: 05 35 10.4288 (83.7934533d) | Proper Motion RA: 0.159 mas/yr | |
| | | Dec: -05 38 24.70 (-5.64019d) | Proper Motion Dec: -0.0809999619377777 mas/yr | |
| | | Equinox: J2000 | Parallax: 0.0026013" | |
| | | | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

## Acquisition

| # | Target | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|
| 1 | SAME | FND | FAST | 4 | 1 | 1 | 11.1 | 274313 |

## Template

| Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|
| All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F560W | FASTR1 | 40 | 1 | 1 | Dither 1 | 4 | 4 | 444.006 | 274313 |
| 1 | SHORT(A) | MRSLONG | | FASTR1 | 40 | 5 | 1 | Dither 1 | 4 | 20 | 2264.433 | |
| 1 | SHORT(A) | MRSSHORT | | FASTR1 | 40 | 5 | 1 | Dither 1 | 4 | 20 | 2264.433 | |
| 2 | | IMAGER | F770W | FASTR1 | 40 | 1 | 1 | Dither 1 | 4 | 4 | 444.006 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 40 | 5 | 1 | Dither 1 | 4 | 20 | 2264.433 | |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 40 | 5 | 1 | Dither 1 | 4 | 20 | 2264.433 | |
| 3 | | IMAGER | F1000W | FASTR1 | 40 | 1 | 1 | Dither 1 | 4 | 4 | 444.006 | |
| 3 | LONG(C) | MRSLONG | | FASTR1 | 40 | 5 | 1 | Dither 1 | 4 | 20 | 2264.433 | |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 40 | 5 | 1 | Dither 1 | 4 | 20 | 2264.433 | |

## Observation

**Proposal 10201, Observation 41**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 41:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (41) | V-V2338-Ori | RA: 05 35 18.8084 (83.8283683d) | Proper Motion RA: 0.426 mas/yr | |
| | | Dec: -05 17 29.10 (-5.29142d) | Proper Motion Dec: 0.43599999999999994 mas/yr | |
| | | Equinox: J2000 | Parallax: 0.0023585" | |
| | | | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

## Acquisition

| # | Target |
|---|---|
| 1 | NONE |

## Template

| AcqFilter | Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|---|
| FND | All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F560W | FASTR1 | 10 | 1 | 1 | Dither 1 | 4 | 4 | 111.002 | 274302 |
| 1 | SHORT(A) | MRSLONG | | FASTR1 | 10 | 3 | 1 | Dither 1 | 4 | 12 | 355.205 | |
| 1 | SHORT(A) | MRSSHORT | | FASTR1 | 10 | 3 | 1 | Dither 1 | 4 | 12 | 355.205 | |
| 2 | | IMAGER | F770W | FASTR1 | 10 | 1 | 1 | Dither 1 | 4 | 4 | 111.002 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 10 | 3 | 1 | Dither 1 | 4 | 12 | 355.205 | |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 10 | 3 | 1 | Dither 1 | 4 | 12 | 355.205 | |
| 3 | | IMAGER | F1000W | FASTR1 | 10 | 1 | 1 | Dither 1 | 4 | 4 | 111.002 | |
| 3 | LONG(C) | MRSLONG | | FASTR1 | 10 | 3 | 1 | Dither 1 | 4 | 12 | 355.205 | |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 10 | 3 | 1 | Dither 1 | 4 | 12 | 355.205 | |

## Observation

**Proposal 10201, Observation 42**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 42:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (42) | Brun-656 | RA: 05 35 21.3153 (83.8388137d) | Proper Motion RA: 2.528 mas/yr | |
| | | Dec: -05 12 12.61 (-5.20350d) | Proper Motion Dec: -4.283000066607201 mas/yr | |
| | | Equinox: J2000 | Parallax: 0.0019928" | |
| | | | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

## Acquisition

| # | Target | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|
| 1 | SAME | FND | FAST | 8 | 1 | 1 | 22.2 | 274319 |

## Template

| Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|
| All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F560W | FASTR1 | 20 | 1 | 1 | Dither 1 | 4 | 4 | 222.003 | 274319 |
| 1 | SHORT(A) | MRSLONG | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 1 | SHORT(A) | MRSSHORT | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 2 | | IMAGER | F770W | FASTR1 | 20 | 1 | 1 | Dither 1 | 4 | 4 | 222.003 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 3 | | IMAGER | F1000W | FASTR1 | 20 | 1 | 1 | Dither 1 | 4 | 4 | 222.003 | |
| 3 | LONG(C) | MRSLONG | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 20 | 3 | 1 | Dither 1 | 4 | 12 | 688.21 | |

## Observation

**Proposal 10201, Observation 43**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 43:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (43) | HD-245370 | RA: 05 36 9.3976 (84.0391567d) | Proper Motion RA: 1.057 mas/yr | |
| | | Dec: +10 01 25.46 (10.02374d) | Proper Motion Dec: -1.017999943542236 mas/yr | |
| | | Equinox: J2000 | Parallax: 0.0025775999999999998" | |
| | | | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*
*Extended=NO*

## Acquisition

| # | Target | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|
| 1 | SAME | FND | FAST | 10 | 1 | 1 | 27.75 | 274323 |

## Template

| Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|
| All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F560W | FASTR1 | 40 | 1 | 1 | Dither 1 | 4 | 4 | 444.006 | 274323 |
| 1 | SHORT(A) | MRSLONG | | FASTR1 | 40 | 5 | 1 | Dither 1 | 4 | 20 | 2264.433 | |
| 1 | SHORT(A) | MRSSHORT | | FASTR1 | 40 | 5 | 1 | Dither 1 | 4 | 20 | 2264.433 | |
| 2 | | IMAGER | F770W | FASTR1 | 40 | 1 | 1 | Dither 1 | 4 | 4 | 444.006 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 40 | 5 | 1 | Dither 1 | 4 | 20 | 2264.433 | |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 40 | 5 | 1 | Dither 1 | 4 | 20 | 2264.433 | |
| 3 | | IMAGER | F1000W | FASTR1 | 40 | 1 | 1 | Dither 1 | 4 | 4 | 444.006 | |
| 3 | LONG(C) | MRSLONG | | FASTR1 | 40 | 5 | 1 | Dither 1 | 4 | 20 | 2264.433 | |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 40 | 5 | 1 | Dither 1 | 4 | 20 | 2264.433 | |

## Observation

**Proposal 10201, Observation 44**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 44:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (44) | HD-37411 | RA: 05 38 14.5073 (84.5604471d)<br>Dec: -05 25 13.30 (-5.42036d)<br>Equinox: J2000 | Proper Motion RA: 0.10899999999999999 mas/yr<br>Proper Motion Dec: -1.230000088980887 mas/yr<br>Parallax: 0.0028536"<br>Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*

## Acquisition

| # | Target | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|
| 1 | SAME | FND | FAST | 4 | 1 | 1 | 11.1 | 274327 |

## Template

| Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|
| All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F560W | FASTR1 | 15 | 1 | 1 | Dither 1 | 4 | 4 | 166.502 | 274327 |
| 1 | SHORT(A) | MRSLONG | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 1 | SHORT(A) | MRSSHORT | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 2 | | IMAGER | F770W | FASTR1 | 15 | 1 | 1 | Dither 1 | 4 | 4 | 166.502 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 3 | | IMAGER | F1000W | FASTR1 | 15 | 1 | 1 | Dither 1 | 4 | 4 | 166.502 | |
| 3 | LONG(C) | MRSLONG | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |

## Observation

**Proposal 10201, Observation 45**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 45:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (45) | V-V615-Ori | RA: 05 41 24.5019 (85.3520913d) | Proper Motion RA: 1.081 mas/yr | |
| | | Dec: -02 22 36.24 (-2.37673d) | Proper Motion Dec: 1.901 mas/yr | |
| | | Equinox: J2000 | Parallax: 0.0024479000000000002" | |
| | | | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*

## Acquisition

| # | Target |
|---|---|
| 1 | NONE |

## Template

| AcqFilter | Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|---|
| FND | All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F560W | FASTR1 | 15 | 1 | 1 | Dither 1 | 4 | 4 | 166.502 | 274341 |
| 1 | SHORT(A) | MRSLONG | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 1 | SHORT(A) | MRSSHORT | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 2 | | IMAGER | F770W | FASTR1 | 15 | 1 | 1 | Dither 1 | 4 | 4 | 166.502 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 3 | | IMAGER | F1000W | FASTR1 | 15 | 1 | 1 | Dither 1 | 4 | 4 | 166.502 | |
| 3 | LONG(C) | MRSLONG | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |

## Observation

**Proposal 10201, Observation 46**

Fri Apr 17 20:00:13 GMT 2026

**Diagnostic Status: Warning**

Observing Template: MIRI Medium Resolution Spectroscopy

## Diagnostics

(Visit 46:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

## Fixed Targets

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|---|---|---|---|---|
| (46) | 2MASS-J05424769-0947222 | RA: 05 42 47.6958 (85.6987325d) | Proper Motion RA: 0.377 mas/yr | |
| | | Dec: -09 47 22.32 (-9.78953d) | Proper Motion Dec: -0.9999999292631401 mas/yr | |
| | | Equinox: J2000 | Parallax: 0.0024605" | |
| | | | Epoch of Position: 2000 | |

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.*

*SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.*
*Category=Star*
*Description=[Herbig Ae/Be stars, Protoplanetary disks]*

## Acquisition

| # | Target | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|
| 1 | SAME | FND | FAST | 4 | 1 | 1 | 11.1 | 274345 |

## Template

| Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction |
|---|---|---|---|
| All MRS | YES | FULL | Allow Auto Reorder |

## Dithers

| # | Dither Type | Optimized For | Direction |
|---|---|---|---|
| 1 | 4-Point | POINT SOURCE | NEGATIVE |

## Spectral Elements

| # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | Optional ETC ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | IMAGER | F560W | FASTR1 | 15 | 1 | 1 | Dither 1 | 4 | 4 | 166.502 | 274345 |
| 1 | SHORT(A) | MRSLONG | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 1 | SHORT(A) | MRSSHORT | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 2 | | IMAGER | F770W | FASTR1 | 15 | 1 | 1 | Dither 1 | 4 | 4 | 166.502 | |
| 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 3 | | IMAGER | F1000W | FASTR1 | 15 | 1 | 1 | Dither 1 | 4 | 4 | 166.502 | |
| 3 | LONG(C) | MRSLONG | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 15 | 3 | 1 | Dither 1 | 4 | 12 | 521.708 | |