



3368 - A JWST Survey of Ultraluminous Infrared Galaxies

Cycle: 2, Proposal Category: GO

INVESTIGATORS

| <i>Name</i> | <i>Institution</i> |
|--|---|
| Dr. Lee Armus (PI) | California Institute of Technology |
| Prof. Aaron S. Evans (CoI) (CoPI) | The University of Virginia |
| Prof. Susanne Aalto (CoI) (ESA Member) | Chalmers University of Technology |
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| Marina Bianchin (CoI) | University of California - Irvine |
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| Dr. Hanae Inami (CoI) | Hiroshima University |
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| <i>Name</i> | <i>Institution</i> |
|--|---------------------------------------|
| Dr. George Privon (CoI) | Associated Universities, Inc. |
| Prof. Claudio Ricci (CoI) | Diego Portales University |
| Dr. Jeffrey Austin Sterling Rich Jr. (CoI) | Carnegie Institution of Washington |
| Prof. David B. Sanders (CoI) | University of Hawaii |
| Prof. JD Smith (CoI) | University of Toledo |
| Dr. Baruch T. Soifer (CoI) | California Institute of Technology |
| Dr. Yiqing Song (CoI) (ESA Member) | European Southern Observatory - Chile |
| Dr. Sabrina Stierwalt (CoI) | Occidental College |
| Dr. Jason A. Surace (CoI) | California Institute of Technology |
| Dr. Vivian U (CoI) | University of California - Irvine |
| Prof. Paul van der Werf (CoI) (ESA Member) | Universiteit Leiden |

OBSERVATIONS

| <i>Folder</i> | <i>Observation</i> | <i>Label</i> | <i>Observing Template</i> | <i>Science Target</i> |
|--------------------|--------------------|-----------------------------------|-------------------------------------|-----------------------|
| Observation Folder | | | | |
| | 1 | IR05189-MIRI | MIRI Medium Resolution Spectroscopy | (1) IR05189 |
| | 2 | IR05189-BG MIRI | MIRI Medium Resolution Spectroscopy | (1) IR05189 |
| | 139 | IRAS05189-MIRI imaging - Subarray | MIRI Imaging | (1) IR05189 |
| | 105 | IR05189-NIRSpec | NIRSpec IFU Spectroscopy | (1) IR05189 |
| | 145 | IR05189-NIRSpec | NIRSpec IFU Spectroscopy | (1) IR05189 |
| | 106 | IR05189-NIRCam Imaging | NIRCam Imaging | (1) IR05189 |
| | 140 | IR05189-NIRCam Imaging-Subarray | NIRCam Imaging | (1) IR05189 |
| | 4 | IR07251-MIRI | MIRI Medium Resolution Spectroscopy | (3) IR07251 |
| | 5 | IR07251-BG MIRI | MIRI Medium Resolution Spectroscopy | (3) IR07251 |
| | 107 | IR07251-NIRSpec | NIRSpec IFU Spectroscopy | (3) IR07251 |
| | 108 | IR07251-NIRCam Imaging | NIRCam Imaging | (3) IR07251 |
| | 7 | IR08572-NW-MIRI | MIRI Medium Resolution Spectroscopy | (5) IR08572-NW |
| | 49 | IR08572-SE-MIRI | MIRI Medium Resolution Spectroscopy | (33) IR08572-SE |
| | 8 | IR08572-BG MIRI | MIRI Medium Resolution Spectroscopy | (5) IR08572-NW |

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| <i>Folder</i> | <i>Observation</i> | <i>Label</i> | <i>Observing Template</i> | <i>Science Target</i> |
|---------------|--------------------|------------------------------------|-------------------------------------|-----------------------|
| | 141 | IRASF08572-MIRI imaging - Subarray | MIRI Imaging | (5) IR08572-NW |
| | 109 | IR08572-NW-NIRSpec | NIRSpec IFU Spectroscopy | (5) IR08572-NW |
| | 110 | IR08572-SE-NIRSpec | NIRSpec IFU Spectroscopy | (33) IR08572-SE |
| | 111 | IR08572-NIRCam Imaging | NIRCam Imaging | (5) IR08572-NW |
| | 142 | IRF08572-NIRCam Imaging-Subarray | NIRCam Imaging | (5) IR08572-NW |
| | 10 | IR09022-MIRI | MIRI Medium Resolution Spectroscopy | (7) IR09022 |
| | 11 | IR09022-BG MIRI | MIRI Medium Resolution Spectroscopy | (7) IR09022 |
| | 112 | IR09022-NIRSpec | NIRSpec IFU Spectroscopy | (7) IR09022 |
| | 113 | IR09022-NIRCam Imaging | NIRCam Imaging | (7) IR09022 |
| | 13 | IR09111-MIRI | MIRI Medium Resolution Spectroscopy | (9) IR09111 |
| | 14 | IR09111-BG MIRI | MIRI Medium Resolution Spectroscopy | (9) IR09111 |
| | 114 | IR09111-NIRSpec | NIRSpec IFU Spectroscopy | (9) IR09111 |
| | 115 | IR09111-NIRCam Imaging | NIRCam Imaging | (9) IR09111 |
| | 19 | IR10565-MIRI | MIRI Medium Resolution Spectroscopy | (13) IR10565 |
| | 20 | IR10565-BG MIRI | MIRI Medium Resolution Spectroscopy | (13) IR10565 |
| | 22 | IR13120-MIRI | MIRI Medium Resolution Spectroscopy | (15) IR13120 |
| | 23 | IR13120-BG MIRI | MIRI Medium Resolution Spectroscopy | (15) IR13120 |
| | 118 | IR13120-NIRSpec | NIRSpec IFU Spectroscopy | (15) IR13120 |
| | 119 | IR13120-NIRCam Imaging | NIRCam Imaging | (15) IR13120 |
| | 28 | IR14348-NE-MIRI | MIRI Medium Resolution Spectroscopy | (19) IR14348-NE |
| | 53 | IR14348-SW-MIRI | MIRI Medium Resolution Spectroscopy | (35) IR14348-SW |
| | 29 | IR14348-BG MIRI | MIRI Medium Resolution Spectroscopy | (19) IR14348-NE |
| | 123 | IR14348-NE-NIRSpec | NIRSpec IFU Spectroscopy | (19) IR14348-NE |
| | 124 | IR14348-SW-NIRSpec | NIRSpec IFU Spectroscopy | (35) IR14348-SW |
| | 125 | IR14348-NIRCam Imaging | NIRCam Imaging | (35) IR14348-SW |
| | 31 | IR15250-MIRI | MIRI Medium Resolution Spectroscopy | (21) IR15250 |
| | 32 | IR15250-BG MIRI | MIRI Medium Resolution Spectroscopy | (21) IR15250 |

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| <i>Folder</i> | <i>Observation</i> | <i>Label</i> | <i>Observing Template</i> | <i>Science Target</i> |
|---------------|--------------------|--------------------------|-------------------------------------|-----------------------|
| | 126 | IR15250-NIRSpec | NIRSpec IFU Spectroscopy | (21) IR15250 |
| | 127 | IR15250-NIRCam Imaging | NIRCam Imaging | (21) IR15250 |
| | 34 | IR19297-MIRI | MIRI Medium Resolution Spectroscopy | (23) IR19297 |
| | 35 | IR19297-BG MIRI | MIRI Medium Resolution Spectroscopy | (23) IR19297 |
| | 128 | IRAS19297-NIRSpec | NIRSpec IFU Spectroscopy | (36) IRAS19297 |
| | 129 | IRAS19297-NIRCam Imaging | NIRCam Imaging | (36) IRAS19297 |
| | 37 | IR19542-MIRI | MIRI Medium Resolution Spectroscopy | (25) IR19542 |
| | 38 | IR19542-BG MIRI | MIRI Medium Resolution Spectroscopy | (25) IR19542 |
| | 130 | IR19542-NIRSpec | NIRSpec IFU Spectroscopy | (25) IR19542 |
| | 131 | IR19542-NIRCam Imaging | NIRCam Imaging | (25) IR19542 |
| | 40 | IR20551-MIRI | MIRI Medium Resolution Spectroscopy | (27) IR20551 |
| | 41 | IR20551-BG MIRI | MIRI Medium Resolution Spectroscopy | (27) IR20551 |
| | 132 | IR20551-NIRSpec | NIRSpec IFU Spectroscopy | (27) IR20551 |
| | 133 | IR20551-NIRCam Imaging | NIRCam Imaging | (27) IR20551 |
| | 43 | IR22491-MIRI | MIRI Medium Resolution Spectroscopy | (29) IR22491 |
| | 44 | IR22491-BG MIRI | MIRI Medium Resolution Spectroscopy | (29) IR22491 |
| | 134 | IR22491-NIRSpec | NIRSpec IFU Spectroscopy | (29) IR22491 |
| | 135 | IR22491-NIRCam Imaging | NIRCam Imaging | (29) IR22491 |
| | 46 | IR23128-MIRI | MIRI Medium Resolution Spectroscopy | (31) IR23128-N |
| | 51 | IR23128-S-MIRI | MIRI Medium Resolution Spectroscopy | (34) IR23128-S |
| | 47 | IR23128-BG MIRI | MIRI Medium Resolution Spectroscopy | (31) IR23128-N |
| | 136 | IR23128-N-NIRSpec | NIRSpec IFU Spectroscopy | (31) IR23128-N |
| | 137 | IR23128-S-NIRSpec | NIRSpec IFU Spectroscopy | (34) IR23128-S |
| | 138 | IR23128-NIRCam Imaging | NIRCam Imaging | (31) IR23128-N |
| | 143 | IRAS19297-MIRI | MIRI Medium Resolution Spectroscopy | (36) IRAS19297 |
| | 144 | IRAS19297-BG MIRI | MIRI Medium Resolution Spectroscopy | (36) IRAS19297 |

ABSTRACT

One of the major discoveries from the IRAS mission was of a population of extremely luminous, or “Ultraluminous” Infrared Galaxies (ULIRGs) having infrared luminosities above 10^{12} Lsun. ULIRGs emit more than 90% of their luminosity in the mid and far-infrared from dust, and they are ideal local laboratories for studying star formation, the growth of supermassive black holes and the effects of energetic feedback and galactic winds in galactic mergers. ULIRGs offer a rare, high-resolution look into dynamic processes that occur much more frequently in rapidly evolving galaxies at high-redshift. In the mid-infrared, ULIRGs show a large range of spectral properties including emission from ionized atomic and warm molecular gas, warm dust and stochastically heated small dust grains, together with absorption from ices and warm and cold molecular gas. Despite extensive study with ground and space based telescopes, there are still a number of outstanding questions about the physics of ULIRGs that can be uniquely addressed with the advanced capabilities of JWST. We propose to obtain MIRI MRS and NIRSpec spectra along with MIRI and NIRCам imaging of 15 ULIRGs to complete the study of the mid-infrared properties of a flux-limited sample of the brightest ULIRGs in the local Universe at unprecedented sensitivity and spatial-spectral resolution. These data will be valuable in their own right, and they will provide a rich legacy for studies of the distant Universe with JWST and future infrared telescopes.

OBSERVING DESCRIPTION

Using MIRI, NIRSpec we will undertake a spectroscopic study of a flux limited sample of Ultraluminous Infrared Galaxies in the local Universe. We will observe 15 ULIRGs out of a complete sample of 23 from the IRAS Revised Bright Galaxy Sample. We will obtain full coverage with MIRI and will use the G395H/F290LP grating/filter combination on NIRSpec. All on-source IFU pointings are single position, centered on the IR-bright nuclei. Three sources have two IFU pointings each, since their merging nuclei are separated by distances comparable to the size of the (short wavelength) IFUs and cannot fit in a single pointing.

We are also obtaining 4-band NIRCам imaging data with the F150W/F277W and F200W/F356W filters on NIRCам and the F560W, F777W and F1500W filters on MIRI. Our MIRI MRS background observations are all performed with POS-TARG offsets in order to place the MIRI imager field on the target during the background observations. For some sources this requires aperture P.A. constraints to avoid nearby bright stars and/or galaxies, but these constraints are not very impactful as the star densities are low. All observations of a given target also have a Non-interruptible group constraint to avoid contamination from bright sources between observations and extra slew overheads.

We use BRIGHTSKY mode for most targets. We have added dedicated MIRI SUB128 and NIRCам SUB160P sub-array images for the brightest targets, IR05189 and IR08572 since they may saturate even with the minimum recommended number of groups, if all the MIR flux is unresolved

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from the nucleus.

Proposal 3368 - Targets - A JWST Survey of Ultraluminous Infrared Galaxies

| # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous |
|--|------------|--|--------------------------|---------------|
| (1) | IR05189 | RA: 05 21 1.3900 (80.2557917d) Dec: -25 21 45.36 (-25.36260d) Equinox: J2000 | | |
| <i>Comments:</i> Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | |
| (3) | IR07251 | RA: 07 27 37.5757 (111.9065654d) Dec: -02 54 54.21 (-2.91506d) Equinox: J2000 | | |
| <i>Comments:</i> Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | |
| (5) | IR08572-NW | RA: 09 00 25.3777 (135.1057404d) Dec: +39 03 54.13 (39.06504d) Equinox: J2000 | | |
| <i>Comments:</i> Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | |
| (7) | IR09022 | RA: 09 04 12.7077 (136.0529487d) Dec: -36 27 1.74 (-36.45048d) Equinox: J2000 | | |
| <i>Comments:</i> Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | |
| (9) | IR09111 | RA: 09 13 36.4511 (138.4018796d) Dec: -10 19 30.13 (-10.32504d) Equinox: J2000 | | |
| <i>Comments:</i> Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | |
| (13) | IR10565 | RA: 10 59 18.1400 (164.8255833d) Dec: +24 32 34.30 (24.54286d) Equinox: J2000 | | |
| <i>Comments:</i> Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | |
| (15) | IR13120 | RA: 13 15 6.3500 (198.7764583d) Dec: -55 09 22.70 (-55.15631d) Equinox: J2000 | | |
| <i>Comments:</i> Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | |

Fixed Targets

Proposal 3368 - Targets - A JWST Survey of Ultraluminous Infrared Galaxies

| | | |
|--|------------|--|
| (19) | IR14348-NE | RA: 14 37 38.4015 (219.4100063d) Dec: -15 00 21.29 (-15.00591d) Equinox: J2000 |
| <p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Infrared galaxies, Interacting galaxies]</i> <i>Extended=YES</i></p> | | |
| (21) | IR15250 | RA: 15 26 59.4000 (231.7475000d) Dec: +35 58 37.50 (35.97708d) Equinox: J2000 |
| <p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Infrared galaxies, Interacting galaxies]</i> <i>Extended=YES</i></p> | | |
| (23) | IR19297 | RA: 19 32 21.2500 (293.0885417d) Dec: -03 59 56.30 (-3.99897d) Equinox: J2000 |
| <p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Infrared galaxies, Interacting galaxies]</i> <i>Extended=YES</i></p> | | |
| (25) | IR19542 | RA: 19 56 35.7800 (299.1490833d) Dec: +11 19 4.40 (11.31789d) Equinox: J2000 |
| <p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Infrared galaxies, Interacting galaxies]</i> <i>Extended=YES</i></p> | | |
| (27) | IR20551 | RA: 20 58 26.7900 (314.6116250d) Dec: -42 39 0.30 (-42.65008d) Equinox: J2000 |
| <p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Infrared galaxies, Interacting galaxies]</i> <i>Extended=YES</i></p> | | |
| (29) | IR22491 | RA: 22 51 49.3450 (342.9556042d) Dec: -17 52 23.98 (-17.87333d) Equinox: J2000 |
| <p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Infrared galaxies, Interacting galaxies]</i> <i>Extended=YES</i></p> | | |
| (31) | IR23128-N | RA: 23 15 46.7200 (348.9446667d) Dec: -59 03 11.10 (-59.05308d) Equinox: J2000 |
| <p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Infrared galaxies, Interacting galaxies]</i> <i>Extended=YES</i></p> | | |

Proposal 3368 - Targets - A JWST Survey of Ultraluminous Infrared Galaxies

| | | |
|--|------------|--|
| (33) | IR08572-SE | RA: 09 00 25.5970 (135.1066542d) Dec: +39 03 49.48 (39.06374d) Equinox: J2000 |
| <p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Infrared galaxies, Interacting galaxies]</i> <i>Extended=YES</i></p> | | |
| (34) | IR23128-S | RA: 23 15 46.7400 (348.9447500d) Dec: -59 03 15.90 (-59.05442d) Equinox: J2000 |
| <p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Infrared galaxies, Interacting galaxies]</i> <i>Extended=YES</i></p> | | |
| (35) | IR14348-SW | RA: 14 37 38.2824 (219.4095100d) Dec: -15 00 24.35 (-15.00676d) Equinox: J2000 |
| <p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Infrared galaxies, Interacting galaxies]</i> <i>Extended=YES</i></p> | | |
| (36) | IRAS19297 | RA: 19 32 22.3110 (293.0929625d) Dec: -04 00 0.97 (-4.00027d) Equinox: J2000 |
| <p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Infrared galaxies, Interacting galaxies]</i> <i>Extended=YES</i></p> | | |

Proposal 3368 - Observation 1 - A JWST Survey of Ultraluminous Infrared Galaxies

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| | | | | | | | | | | | | | |
|--|--|------------------|--|----------------------|--------------------------|-----------------|-------------------|-------------------------|---------------|---------------|--------------------|---------------------|------------------|
| Observation | Proposal 3368, Observation 1: IR05189-MIRI Diagnostic Status: Warning Observing Template: MIRI Medium Resolution Spectroscopy | | | | | | | | | | | | |
| | (IR05189-MIRI (Obs 1)) Warning (Form): Imager Filter overlap. (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) | IR05189 | RA: 05 21 1.3900 (80.2557917d) Dec: -25 21 45.36 (-25.36260d) Equinox: J2000 | | | | | | | | | | |
| <i>Comments:</i> Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | | | | | | | | | | |
| Acquisition | # | Target | | | | | | | | | | | |
| | 1 | NONE | | | | | | | | | | | |
| Template | AcqFilter | Primary Channel | | Simultaneous Imaging | | Imager Subarray | | Grating Wheel Direction | | | | | |
| | F560W | All MRS | | YES | | BRIGHTSKY | | NEUTRAL | | | | | |
| Dithers | # | Dither Type | | Optimized For | | | | Direction | | | | | |
| | 1 | 4-Point | | EXTENDED SOURCE | | | | NEGATIVE | | | | | |
| Spectral Elements | # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/E xp | Exposures/Dit h | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | | IMAGER | F1500W | FASTR1 | 7 | 13 | 1 | Dither 1 | 4 | 52 | 356.495 | |
| | 1 | LONG(C) | MRSLONG | | FASTR1 | 40 | 1 | 1 | Dither 1 | 4 | 4 | 444.006 | |
| | 1 | LONG(C) | MRSSHORT | | FASTR1 | 40 | 1 | 1 | Dither 1 | 4 | 4 | 444.006 | |
| | 2 | | IMAGER | F770W | FASTR1 | 7 | 13 | 1 | Dither 1 | 4 | 52 | 356.495 | |
| | 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 40 | 1 | 1 | Dither 1 | 4 | 4 | 444.006 | |
| | 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 40 | 1 | 1 | Dither 1 | 4 | 4 | 444.006 | |
| | 3 | | IMAGER | F560W | FASTR1 | 7 | 13 | 1 | Dither 1 | 4 | 52 | 356.495 | |
| | 3 | SHORT(A) | MRSLONG | | FASTR1 | 40 | 1 | 1 | Dither 1 | 4 | 4 | 444.006 | |
| | 3 | SHORT(A) | MRSSHORT | | FASTR1 | 40 | 1 | 1 | Dither 1 | 4 | 4 | 444.006 | |

Proposal 3368 - Observation 1 - A JWST Survey of Ultraluminous Infrared Galaxies

Special Requirements

Group Observations 1, 2, 139, Non-interruptible

Proposal 3368 - Observation 2 - A JWST Survey of Ultraluminous Infrared Galaxies

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| | | | | | | | | | | | | | |
|---|---|------------------|--|----------------------|--------------------------|-----------------|-------------------|-------------------------|---------------|---------------|--------------------|---------------------|------------------|
| Observation | Proposal 3368, Observation 2: IR05189-BG MIRI Diagnostic Status: Warning Observing Template: MIRI Medium Resolution Spectroscopy | | | | | | | | | | | | |
| | (IR05189-BG MIRI (Obs 2)) Warning (Form): Imager Filter overlap. (Visit 2:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | Targ. Coord. Corrections | | | | Miscellaneous | | | | |
| | (1) | IR05189 | RA: 05 21 1.3900 (80.2557917d) Dec: -25 21 45.36 (-25.36260d) Equinox: J2000 | | | | | | | | | | |
| Comments: Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | | | | | | | | | | |
| Acquisition | # | Target | | | | | | | | | | | |
| | 1 | NONE | | | | | | | | | | | |
| Template | AcqFilter | Primary Channel | | Simultaneous Imaging | | Imager Subarray | | Grating Wheel Direction | | | | | |
| | F560W | All MRS | | YES | | BRIGHTSKY | | NEUTRAL | | | | | |
| Dithers | # | Dither Type | | | Optimized For | | | | Direction | | | | |
| | 1 | 2-Point | | | EXTENDED SOURCE | | | | NEGATIVE | | | | |
| Spectral Elements | # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/E xp | Exposures/Dit h | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | | IMAGER | F1500W | FASTR1 | 7 | 13 | 1 | Dither 1 | 2 | 26 | 178.248 | |
| | 1 | LONG(C) | MRSLONG | | FASTR1 | 40 | 1 | 1 | Dither 1 | 2 | 2 | 222.003 | |
| | 1 | LONG(C) | MRSSHORT | | FASTR1 | 40 | 1 | 1 | Dither 1 | 2 | 2 | 222.003 | |
| | 2 | | IMAGER | F770W | FASTR1 | 7 | 13 | 1 | Dither 1 | 2 | 26 | 178.248 | |
| | 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 40 | 1 | 1 | Dither 1 | 2 | 2 | 222.003 | |
| | 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 40 | 1 | 1 | Dither 1 | 2 | 2 | 222.003 | |
| | 3 | | IMAGER | F560W | FASTR1 | 7 | 13 | 1 | Dither 1 | 2 | 26 | 178.248 | |
| | 3 | SHORT(A) | MRSLONG | | FASTR1 | 40 | 1 | 1 | Dither 1 | 2 | 2 | 222.003 | |
| | 3 | SHORT(A) | MRSSHORT | | FASTR1 | 40 | 1 | 1 | Dither 1 | 2 | 2 | 222.003 | |

Proposal 3368 - Observation 2 - A JWST Survey of Ultraluminous Infrared Galaxies

Special Requirements

Aperture PA Range 8 to 325 Degrees (V3 8.0 to 325.0)

Offset -45.0 arcsec, -80.0 arcsec

Group Observations 1, 2, 139, Non-interruptible

Proposal 3368 - Observation 139 - A JWST Survey of Ultraluminous Infrared Galaxies

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| | | | | | | | | | | | |
|-----------------------------|--|--------------------|--|-------------------------|-------------------------|---------------------------------|-----------------------|----------------------|---------------------------|----------------------------|-------------------------|
| Observation | <p>Proposal 3368, Observation 139: IRAS05189-MIRI imaging - Subarray</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: MIRI Imaging</p> | | | | | | | | | | |
| Diagnostics | <p>(IRAS05189-MIRI imaging - Subarray (Obs 139)) Warning (Form): Mosaic-overlap value less than 20% using SUB128 or SUB64 could result in poor quality data at the adjacent regions</p> <p>(IRAS05189-MIRI imaging - Subarray (Obs 139)) Warning (Form): Mosaic-overlap value less than 20% using SUB128 or SUB64 could result in poor quality data at the adjacent regions</p> <p>(Visit 139:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p> | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | Targ. Coord. Corrections | | | Miscellaneous | | |
| | (1) | IR05189 | RA: 05 21 1.3900 (80.2557917d) Dec: -25 21 45.36 (-25.36260d) Equinox: J2000 | | | | | | | | |
| | <p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Infrared galaxies, Interacting galaxies]</i> <i>Extended=YES</i></p> | | | | | | | | | | |
| Template | <p>Subarray</p> <p>SUB128</p> | | | | | | | | | | |
| Dithers | # | Dither Type | Starting Point | Number of Points | Points | Starting Set | Number of Sets | Optimized For | Direction | Pattern Size | |
| | 1 | CYCLING | 1 | 3 | | | | | | DEFAULT | |
| Spectral Elements | # | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | F1500W | FASTR1 | 6 | 15 | 1 | Dither 1 | 3 | 45 | 37.14 | |
| | 2 | F770W | FASTR1 | 6 | 15 | 1 | Dither 1 | 3 | 45 | 37.14 | |
| | 3 | F560W | FASTR1 | 6 | 15 | 1 | Dither 1 | 3 | 45 | 37.14 | |
| Special Requirements | <p>Group Observations 1, 2, 139, Non-interruptible</p> | | | | | | | | | | |

Proposal 3368 - Observation 105 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | | | |
|--------------------------|---|-----------------------|--|-------------------|-------------------------|---------------------------------|---------------|-------------------------|----------------------|---------------------------|----------------------------|-------------------------|
| Observation | <p>Proposal 3368, Observation 105: IR05189-NIRSpec Diagnostic Status: Warning Observing Template: NIRSpec IFU Spectroscopy</p> | | | | | | | | | | | |
| Diagnostics | (Visit 105:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | Targ. Coord. Corrections | | | Miscellaneous | | | |
| | (1) | IR05189 | RA: 05 21 1.3900 (80.2557917d) Dec: -25 21 45.36 (-25.36260d) Equinox: J2000 | | | | | | | | | |
| | <p><i>Comments:</i> Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES</p> | | | | | | | | | | | |
| Template | TA Method | | | | | | | | | | | |
| | NONE | | | | | | | | | | | |
| Dithers | # | Dither Type | | Size | Starting Point | | | Number of Points | Points | | | |
| | 1 | CYCLING | | SMALL | 1 | | | 4 | | | | |
| Spectral Elements | # | Grating/Filter | Readout Pattern | Groups/Int | Integrations/Exp | Leakcal | Dither | Autocal | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | G395H/F290LP | NRSIRS2RAPI D | 15 | 1 | false | true | NONE | 4 | 4 | 933.689 | |
| | 2 | G395H/F290LP | NRSIRS2RAPI D | 15 | 1 | true | false | NONE | 1 | 1 | 233.422 | |

Proposal 3368 - Observation 145 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| Observation | Proposal 3368, Observation 145: IR05189-NIRSpec Diagnostic Status: Warning Observing Template: NIRSpec IFU Spectroscopy Comments: WOPR repeat of obs. 105 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|--|--|--------------------|--------------------------|------------------|---------|--------|---------|---------------|--------------------|---------------------|------------------|---|----------------|--------------------|--------------------------|------------------|---------|---------|--|---------------|--------------------|---------------------|------------------|---|--------------|------------------|----|---|-------|------|------|---|---|---------|--|---|--------------|------------------|----|---|------|-------|------|---|---|---------|--|
| | (Visit 145:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fixed Targets | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>IR05189</td> <td>RA: 05 21 1.3900 (80.2557917d) Dec: -25 21 45.36 (-25.36260d) Equinox: J2000</td> <td></td> <td></td> </tr> </tbody> </table> Comments: Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | | | | | | | | | # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous | (1) | IR05189 | RA: 05 21 1.3900 (80.2557917d) Dec: -25 21 45.36 (-25.36260d) Equinox: J2000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (1) | IR05189 | RA: 05 21 1.3900 (80.2557917d) Dec: -25 21 45.36 (-25.36260d) Equinox: J2000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TA Method NONE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dithers | <table border="1"> <thead> <tr> <th>#</th> <th>Dither Type</th> <th>Size</th> <th>Starting Point</th> <th>Number of Points</th> <th>Points</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>CYCLING</td> <td>SMALL</td> <td>1</td> <td>4</td> <td></td> </tr> </tbody> </table> | | | | | | | | | | | | # | Dither Type | Size | Starting Point | Number of Points | Points | 1 | CYCLING | SMALL | 1 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | # | Dither Type | Size | Starting Point | Number of Points | Points | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | CYCLING | SMALL | 1 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spectral Elements | <table border="1"> <thead> <tr> <th>#</th> <th>Grating/Filter</th> <th>Readout Pattern</th> <th>Groups/Int</th> <th>Integrations/Exp</th> <th>Leakcal</th> <th>Dither</th> <th>Autocal</th> <th>Total Dithers</th> <th>Total Integrations</th> <th>Total Exposure Time</th> <th>ETC Wkbk.Calc ID</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>G395H/F290LP</td> <td>NRSIRS2RAPI D</td> <td>15</td> <td>1</td> <td>false</td> <td>true</td> <td>NONE</td> <td>4</td> <td>4</td> <td>933.689</td> <td></td> </tr> <tr> <td>2</td> <td>G395H/F290LP</td> <td>NRSIRS2RAPI D</td> <td>15</td> <td>1</td> <td>true</td> <td>false</td> <td>NONE</td> <td>1</td> <td>1</td> <td>233.422</td> <td></td> </tr> </tbody> </table> | | | | | | | | | | | | # | Grating/Filter | Readout Pattern | Groups/Int | Integrations/Exp | Leakcal | Dither | Autocal | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID | 1 | G395H/F290LP | NRSIRS2RAPI D | 15 | 1 | false | true | NONE | 4 | 4 | 933.689 | | 2 | G395H/F290LP | NRSIRS2RAPI D | 15 | 1 | true | false | NONE | 1 | 1 | 233.422 | |
| | # | Grating/Filter | Readout Pattern | Groups/Int | Integrations/Exp | Leakcal | Dither | Autocal | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | G395H/F290LP | NRSIRS2RAPI D | 15 | 1 | false | true | NONE | 4 | 4 | 933.689 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | G395H/F290LP | NRSIRS2RAPI D | 15 | 1 | true | false | NONE | 1 | 1 | 233.422 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Proposal 3368 - Observation 106 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | |
|-----------------------------|--|----------------------------|--|------------------------|---------------------------------|-------------------------|---------------------------|---------------------------|----------------------------|-------------------------|
| Observation | Proposal 3368, Observation 106: IR05189-NIRCam Imaging Diagnostic Status: Warning Observing Template: NIRCam Imaging | | | | | | | | | |
| Diagnostics | (Visit 106:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | Targ. Coord. Corrections | | | Miscellaneous | | |
| | (1) | IR05189 | RA: 05 21 1.3900 (80.2557917d) Dec: -25 21 45.36 (-25.36260d) Equinox: J2000 | | | | | | | |
| | <i>Comments:</i> Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | | | | | | |
| Template | Module | | Subarray | | | Target Placement | | | | |
| | B | | FULL | | | Module Gap | | | | |
| Dithers | # | Primary Dither Type | | Primary Dithers | Subpixel Dither Type | | Dither Size | Subpixel Positions | | |
| | 1 | INTRAMODULE | | 3 | STANDARD | | | 3 | | |
| Spectral Elements | # | Short Filter | Long Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Dithers | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | F200W | F356W | RAPID | 6 | 1 | 9 | 9 | 579.786 | |
| | 2 | F150W | F277W | RAPID | 6 | 1 | 9 | 9 | 579.786 | |
| Special Requirements | Offset 30.0 arcsec, 30.0 arcsec Group Observations 106, 140, Non-interruptible | | | | | | | | | |

Proposal 3368 - Observation 140 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | |
|-----------------------------|--|----------------------------|--|------------------------|---------------------------------|-----------------------------|---------------------------|----------------------|----------------------------|---------------------------|
| Observation | <p>Proposal 3368, Observation 140: IR05189-NIRCam Imaging-Subarray</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRCam Imaging</p> | | | | | | | | | |
| Diagnostics | (Visit 140:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | Targ. Coord. Corrections | | | Miscellaneous | | |
| | (1) | IR05189 | RA: 05 21 1.3900 (80.2557917d) Dec: -25 21 45.36 (-25.36260d) Equinox: J2000 | | | | | | | |
| | <p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Infrared galaxies, Interacting galaxies]</i> <i>Extended=YES</i></p> | | | | | | | | | |
| Template | Module | | Subarray | | | Target Placement | | | | |
| | B | | SUB160P | | | Module Gap | | | | |
| Dithers | # | Primary Dither Type | | Primary Dithers | | Subpixel Dither Type | | Dither Size | | Subpixel Positions |
| | 1 | NONE | | | | STANDARD | | | | 3 |
| Spectral Elements | # | Short Filter | Long Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Dithers | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | F200W | F356W | RAPID | 7 | 8 | 24 | 3 | 53.622 | 25236 |
| | 2 | F150W | F277W | RAPID | 7 | 8 | 24 | 3 | 53.622 | |
| Special Requirements | Group Observations 106, 140, Non-interruptible | | | | | | | | | |

Proposal 3368 - Observation 4 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| Observation | Proposal 3368, Observation 4: IR07251-MIRI Diagnostic Status: Warning Observing Template: MIRI Medium Resolution Spectroscopy | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|----------------------|--------------------------|-------------------------|------------|-------------------|-----------------|----------|---------------|--------------------|---------------------|------------------|------------------|----------------------|--------------------------|-------------------------|------------|-------------------|---|-----------|---------------|--------------------|---------------------|------------------|---|--|--------|--------|--------|----|----|---|----------|---|-----|----------|--|---|---------|---------|--|--------|----|---|---|----------|---|----|----------|--|---|---------|----------|--|--------|----|---|---|----------|---|----|----------|--|---|--|--------|-------|--------|----|----|---|----------|---|-----|----------|--|---|-----------|---------|--|--------|----|---|---|----------|---|---|----------|--|---|-----------|----------|--|--------|----|---|---|----------|---|---|----------|--|---|--|--------|-------|--------|----|----|---|----------|---|-----|----------|--|---|----------|---------|--|--------|----|---|---|----------|---|---|----------|--|---|----------|----------|--|--------|----|---|---|----------|---|---|----------|--|
| | (IR07251-MIRI (Obs 4)) Warning (Form): Imager Filter overlap. (Visit 4:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fixed Targets | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(3)</td> <td>IR07251</td> <td>RA: 07 27 37.5757 (111.9065654d) Dec: -02 54 54.21 (-2.91506d) Equinox: J2000</td> <td></td> <td></td> </tr> </tbody> </table> | | | | | | | | | | | | # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous | (3) | IR07251 | RA: 07 27 37.5757 (111.9065654d) Dec: -02 54 54.21 (-2.91506d) Equinox: J2000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (3) | IR07251 | RA: 07 27 37.5757 (111.9065654d) Dec: -02 54 54.21 (-2.91506d) Equinox: J2000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Comments: Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acquisition | <table border="1"> <thead> <tr> <th>#</th> <th>Target</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>NONE</td> </tr> </tbody> </table> | | | | | | | | | | | | # | Target | 1 | NONE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | # | Target | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | NONE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Template | <table border="1"> <thead> <tr> <th>AcqFilter</th> <th>Primary Channel</th> <th>Simultaneous Imaging</th> <th>Imager Subarray</th> <th>Grating Wheel Direction</th> </tr> </thead> <tbody> <tr> <td>F560W</td> <td>All MRS</td> <td>YES</td> <td>BRIGHTSKY</td> <td>NEUTRAL</td> </tr> </tbody> </table> | | | | | | | | | | | | AcqFilter | Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction | F560W | All MRS | YES | BRIGHTSKY | NEUTRAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | AcqFilter | Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F560W | All MRS | YES | BRIGHTSKY | NEUTRAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dithers | <table border="1"> <thead> <tr> <th>#</th> <th>Dither Type</th> <th>Optimized For</th> <th>Direction</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4-Point</td> <td>EXTENDED SOURCE</td> <td>NEGATIVE</td> </tr> </tbody> </table> | | | | | | | | | | | | # | Dither Type | Optimized For | Direction | 1 | 4-Point | EXTENDED SOURCE | NEGATIVE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | # | Dither Type | Optimized For | Direction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 4-Point | EXTENDED SOURCE | NEGATIVE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spectral Elements | <table border="1"> <thead> <tr> <th>#</th> <th>Wavelength Range</th> <th>Detector</th> <th>Filter</th> <th>Readout Pattern</th> <th>Groups/Int</th> <th>Integrations/E xp</th> <th>Exposures/Dit h</th> <th>Dither</th> <th>Total Dithers</th> <th>Total Integrations</th> <th>Total Exposure Time</th> <th>ETC Wkbk.Calc ID</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td>IMAGER</td> <td>F1500W</td> <td>FASTR1</td> <td>10</td> <td>45</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>180</td> <td>1709.793</td> <td></td> </tr> <tr> <td>1</td> <td>LONG(C)</td> <td>MRSLONG</td> <td></td> <td>SLOWR1</td> <td>11</td> <td>4</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>16</td> <td>4491.305</td> <td></td> </tr> <tr> <td>1</td> <td>LONG(C)</td> <td>MRSSHORT</td> <td></td> <td>SLOWR1</td> <td>11</td> <td>4</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>16</td> <td>4491.305</td> <td></td> </tr> <tr> <td>2</td> <td></td> <td>IMAGER</td> <td>F770W</td> <td>FASTR1</td> <td>10</td> <td>45</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>180</td> <td>1709.793</td> <td></td> </tr> <tr> <td>2</td> <td>MEDIUM(B)</td> <td>MRSLONG</td> <td></td> <td>SLOWR1</td> <td>11</td> <td>2</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>8</td> <td>2197.873</td> <td></td> </tr> <tr> <td>2</td> <td>MEDIUM(B)</td> <td>MRSSHORT</td> <td></td> <td>SLOWR1</td> <td>11</td> <td>2</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>8</td> <td>2197.873</td> <td></td> </tr> <tr> <td>3</td> <td></td> <td>IMAGER</td> <td>F560W</td> <td>FASTR1</td> <td>10</td> <td>45</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>180</td> <td>1709.793</td> <td></td> </tr> <tr> <td>3</td> <td>SHORT(A)</td> <td>MRSLONG</td> <td></td> <td>SLOWR1</td> <td>11</td> <td>2</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>8</td> <td>2197.873</td> <td></td> </tr> <tr> <td>3</td> <td>SHORT(A)</td> <td>MRSSHORT</td> <td></td> <td>SLOWR1</td> <td>11</td> <td>2</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>8</td> <td>2197.873</td> <td></td> </tr> </tbody> </table> | | | | | | | | | | | | # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/E xp | Exposures/Dit h | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID | 1 | | IMAGER | F1500W | FASTR1 | 10 | 45 | 1 | Dither 1 | 4 | 180 | 1709.793 | | 1 | LONG(C) | MRSLONG | | SLOWR1 | 11 | 4 | 1 | Dither 1 | 4 | 16 | 4491.305 | | 1 | LONG(C) | MRSSHORT | | SLOWR1 | 11 | 4 | 1 | Dither 1 | 4 | 16 | 4491.305 | | 2 | | IMAGER | F770W | FASTR1 | 10 | 45 | 1 | Dither 1 | 4 | 180 | 1709.793 | | 2 | MEDIUM(B) | MRSLONG | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 4 | 8 | 2197.873 | | 2 | MEDIUM(B) | MRSSHORT | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 4 | 8 | 2197.873 | | 3 | | IMAGER | F560W | FASTR1 | 10 | 45 | 1 | Dither 1 | 4 | 180 | 1709.793 | | 3 | SHORT(A) | MRSLONG | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 4 | 8 | 2197.873 | | 3 | SHORT(A) | MRSSHORT | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 4 | 8 | 2197.873 | |
| | # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/E xp | Exposures/Dit h | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | | IMAGER | F1500W | FASTR1 | 10 | 45 | 1 | Dither 1 | 4 | 180 | 1709.793 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | LONG(C) | MRSLONG | | SLOWR1 | 11 | 4 | 1 | Dither 1 | 4 | 16 | 4491.305 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | LONG(C) | MRSSHORT | | SLOWR1 | 11 | 4 | 1 | Dither 1 | 4 | 16 | 4491.305 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | | IMAGER | F770W | FASTR1 | 10 | 45 | 1 | Dither 1 | 4 | 180 | 1709.793 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | MEDIUM(B) | MRSLONG | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 4 | 8 | 2197.873 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | MEDIUM(B) | MRSSHORT | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 4 | 8 | 2197.873 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | | IMAGER | F560W | FASTR1 | 10 | 45 | 1 | Dither 1 | 4 | 180 | 1709.793 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | SHORT(A) | MRSLONG | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 4 | 8 | 2197.873 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | SHORT(A) | MRSSHORT | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 4 | 8 | 2197.873 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Proposal 3368 - Observation 4 - A JWST Survey of Ultraluminous Infrared Galaxies

Special Requirements

Group Observations 4, 5, Non-interruptible

Proposal 3368 - Observation 5 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | | | | |
|---|---|------------------|---|--------|----------------------|--------------------------|-------------------|-----------------|---------------|-------------------------|--------------------|---------------------|------------------|
| Observation | Proposal 3368, Observation 5: IR07251-BG MIRI Diagnostic Status: Warning Observing Template: MIRI Medium Resolution Spectroscopy | | | | | | | | | | | | |
| | (IR07251-BG MIRI (Obs 5)) Warning (Form): Imager Filter overlap. (Visit 5:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | Targ. Coord. Corrections | | | Miscellaneous | | | | |
| | (3) | IR07251 | RA: 07 27 37.5757 (111.9065654d) Dec: -02 54 54.21 (-2.91506d) Equinox: J2000 | | | | | | | | | | |
| Comments: Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | | | | | | | | | | |
| Acquisition | # | Target | | | | | | | | | | | |
| | 1 | NONE | | | | | | | | | | | |
| Template | AcqFilter | Primary Channel | | | Simultaneous Imaging | | | Imager Subarray | | Grating Wheel Direction | | | |
| | F560W | All MRS | | | YES | | | BRIGHTSKY | | NEUTRAL | | | |
| Dithers | # | Dither Type | | | Optimized For | | | Direction | | | | | |
| | 1 | 2-Point | | | EXTENDED SOURCE | | | NEGATIVE | | | | | |
| Spectral Elements | # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/E xp | Exposures/Dit h | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | | IMAGER | F1500W | FASTR1 | 10 | 45 | 1 | Dither 1 | 2 | 90 | 854.897 | |
| | 1 | LONG(C) | MRSLONG | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 2 | 4 | 1098.936 | |
| | 1 | LONG(C) | MRSSHORT | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 2 | 4 | 1098.936 | |
| | 2 | | IMAGER | F770W | FASTR1 | 10 | 45 | 1 | Dither 1 | 2 | 90 | 854.897 | |
| | 2 | MEDIUM(B) | MRSLONG | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 2 | 4 | 1098.936 | |
| | 2 | MEDIUM(B) | MRSSHORT | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 2 | 4 | 1098.936 | |
| | 3 | | IMAGER | F560W | FASTR1 | 10 | 45 | 1 | Dither 1 | 2 | 90 | 854.897 | |
| | 3 | SHORT(A) | MRSLONG | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 2 | 4 | 1098.936 | |
| | 3 | SHORT(A) | MRSSHORT | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 2 | 4 | 1098.936 | |

Proposal 3368 - Observation 5 - A JWST Survey of Ultraluminous Infrared Galaxies

Special Requirements

Aperture PA Range 0 to 72 Degrees (V3 0.0 to 72.0)
Aperture PA Range 90 to 123 Degrees (V3 90.0 to 123.0)
Aperture PA Range 170 to 190 Degrees (V3 170.0 to 190.0)
Aperture PA Range 270 to 319 Degrees (V3 270.0 to 319.0)
Offset -45.0 arcsec, -75.0 arcsec

Group Observations 4, 5, Non-interruptible

Proposal 3368 - Observation 107 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | | | |
|--------------------------|--|-----------------------|---|-------------------|-------------------------|---------------------------------|-------------------------|----------------|----------------------|---------------------------|----------------------------|-------------------------|
| Observation | <p>Proposal 3368, Observation 107: IR07251-NIRSpec</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec IFU Spectroscopy</p> | | | | | | | | | | | |
| Diagnostics | (Visit 107:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | Targ. Coord. Corrections | | | Miscellaneous | | | |
| | (3) | IR07251 | RA: 07 27 37.5757 (111.9065654d) Dec: -02 54 54.21 (-2.91506d) Equinox: J2000 | | | | | | | | | |
| | <p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Infrared galaxies, Interacting galaxies]</i> <i>Extended=YES</i></p> | | | | | | | | | | | |
| Template | TA Method | | | | | | | | | | | |
| | NONE | | | | | | | | | | | |
| Dithers | # | Dither Type | | Size | Starting Point | | Number of Points | | Points | | | |
| | 1 | CYCLING | | SMALL | 1 | | 4 | | | | | |
| Spectral Elements | # | Grating/Filter | Readout Pattern | Groups/Int | Integrations/Exp | Leakcal | Dither | Autocal | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | G395H/F290LP | NRSIRS2RAPI D | 25 | 1 | false | true | NONE | 4 | 4 | 1517.245 | |
| | 2 | G395H/F290LP | NRSIRS2RAPI D | 25 | 1 | true | false | NONE | 1 | 1 | 379.311 | |

Proposal 3368 - Observation 108 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | |
|-----------------------------|---|----------------------------|---|------------------------|---------------------------------|-------------------------|---------------------------|---------------------------|----------------------------|-------------------------|
| Observation | <p>Proposal 3368, Observation 108: IR07251-NIRCam Imaging</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRCam Imaging</p> | | | | | | | | | |
| Diagnostics | (Visit 108:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | Targ. Coord. Corrections | | | Miscellaneous | | |
| | (3) | IR07251 | RA: 07 27 37.5757 (111.9065654d) Dec: -02 54 54.21 (-2.91506d) Equinox: J2000 | | | | | | | |
| | <p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Infrared galaxies, Interacting galaxies]</i> <i>Extended=YES</i></p> | | | | | | | | | |
| Template | Module | | Subarray | | | Target Placement | | | | |
| | B | | FULL | | | Module Gap | | | | |
| Dithers | # | Primary Dither Type | | Primary Dithers | Subpixel Dither Type | | Dither Size | Subpixel Positions | | |
| | 1 | INTRAMODULE | | 3 | STANDARD | | | 3 | | |
| Spectral Elements | # | Short Filter | Long Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Dithers | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | F200W | F356W | RAPID | 6 | 1 | 9 | 9 | 579.786 | |
| | 2 | F150W | F277W | RAPID | 6 | 1 | 9 | 9 | 579.786 | |
| Special Requirements | Offset -30.0 arcsec, -30.0 arcsec | | | | | | | | | |

Proposal 3368 - Observation 7 - A JWST Survey of Ultraluminous Infrared Galaxies

| | | | | | | | | | | | | | |
|--------------------------|--|------------------|---|--------|----------------------|---|-------------------|-----------------|---------------|-------------------------|--------------------|---------------------|------------------|
| Observation | Proposal 3368, Observation 7: IR08572-NW-MIRI Tue Jan 30 18:00:46 GMT 2024 Diagnostic Status: Warning Observing Template: MIRI Medium Resolution Spectroscopy | | | | | | | | | | | | |
| | (IR08572-NW-MIRI (Obs 7)) Warning (Form): Imager Filter overlap. (Visit 7:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | Targ. Coord. Corrections | | | Miscellaneous | | | | |
| | (5) | IR08572-NW | RA: 09 00 25.3777 (135.1057404d) Dec: +39 03 54.13 (39.06504d) Equinox: J2000 | | | Comments: Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | | | | |
| Acquisition | # | Target | | | | | | | | | | | |
| | 1 | NONE | | | | | | | | | | | |
| Template | AcqFilter | Primary Channel | | | Simultaneous Imaging | | | Imager Subarray | | Grating Wheel Direction | | | |
| | F560W | All MRS | | | YES | | | BRIGHTSKY | | NEUTRAL | | | |
| Dithers | # | Dither Type | | | Optimized For | | | Direction | | | | | |
| | 1 | 4-Point | | | EXTENDED SOURCE | | | NEGATIVE | | | | | |
| Spectral Elements | # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/E xp | Exposures/Dit h | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | | IMAGER | F560W | FASTR1 | 7 | 13 | 1 | Dither 1 | 4 | 52 | 356.495 | |
| | 1 | SHORT(A) | MRSLONG | | FASTR1 | 40 | 1 | 1 | Dither 1 | 4 | 4 | 444.006 | |
| | 1 | SHORT(A) | MRSSHORT | | FASTR1 | 40 | 1 | 1 | Dither 1 | 4 | 4 | 444.006 | |
| | 2 | | IMAGER | F770W | FASTR1 | 7 | 13 | 1 | Dither 1 | 4 | 52 | 356.495 | |
| | 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 40 | 1 | 1 | Dither 1 | 4 | 4 | 444.006 | |
| | 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 40 | 1 | 1 | Dither 1 | 4 | 4 | 444.006 | |
| | 3 | | IMAGER | F1500W | FASTR1 | 7 | 13 | 1 | Dither 1 | 4 | 52 | 356.495 | |
| | 3 | LONG(C) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | |
| | 3 | LONG(C) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | |

Proposal 3368 - Observation 7 - A JWST Survey of Ultraluminous Infrared Galaxies

Special Requirements

Group Observations 7, 8, 49, 141, Non-interruptible

Proposal 3368 - Observation 49 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | | | | |
|--|---|-------------------------|---|---------------|-----------------------------|---------------------------------|--------------------------|------------------------|----------------------|--------------------------------|---------------------------|----------------------------|-------------------------|
| Observation | Proposal 3368, Observation 49: IR08572-SE-MIRI Diagnostic Status: Warning Observing Template: MIRI Medium Resolution Spectroscopy | | | | | | | | | | | | |
| | (IR08572-SE-MIRI (Obs 49)) Warning (Form): Imager Filter overlap. (Visit 49:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | Targ. Coord. Corrections | | | Miscellaneous | | | | |
| | (33) | IR08572-SE | RA: 09 00 25.5970 (135.1066542d) Dec: +39 03 49.48 (39.06374d) Equinox: J2000 | | | | | | | | | | |
| <i>Comments:</i> Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | | | | | | | | | | |
| Acquisition | # | Target | | | | | | | | | | | |
| | 1 | NONE | | | | | | | | | | | |
| Template | AcqFilter | Primary Channel | | | Simultaneous Imaging | | | Imager Subarray | | Grating Wheel Direction | | | |
| | F560W | All MRS | | | YES | | | BRIGHTSKY | | NEUTRAL | | | |
| Dithers | # | Dither Type | | | Optimized For | | | | Direction | | | | |
| | 1 | 4-Point | | | EXTENDED SOURCE | | | | NEGATIVE | | | | |
| Spectral Elements | # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/E xp | Exposures/Dit h | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | | IMAGER | F560W | FASTR1 | 7 | 13 | 1 | Dither 1 | 4 | 52 | 356.495 | |
| | 1 | SHORT(A) | MRSLONG | | FASTR1 | 40 | 2 | 1 | Dither 1 | 4 | 8 | 899.113 | |
| | 1 | SHORT(A) | MRSSHORT | | FASTR1 | 40 | 2 | 1 | Dither 1 | 4 | 8 | 899.113 | |
| | 2 | | IMAGER | F770W | FASTR1 | 7 | 13 | 1 | Dither 1 | 4 | 52 | 356.495 | |
| | 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 40 | 2 | 1 | Dither 1 | 4 | 8 | 899.113 | |
| | 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 40 | 2 | 1 | Dither 1 | 4 | 8 | 899.113 | |
| | 3 | | IMAGER | F1500W | FASTR1 | 7 | 13 | 1 | Dither 1 | 4 | 52 | 356.495 | |
| | 3 | LONG(C) | MRSLONG | | FASTR1 | 80 | 2 | 1 | Dither 1 | 4 | 8 | 1787.126 | |
| | 3 | LONG(C) | MRSSHORT | | FASTR1 | 80 | 2 | 1 | Dither 1 | 4 | 8 | 1787.126 | |

Proposal 3368 - Observation 49 - A JWST Survey of Ultraluminous Infrared Galaxies

Special Requirements

Group Observations 7, 8, 49, 141, Non-interruptible

Proposal 3368 - Observation 8 - A JWST Survey of Ultraluminous Infrared Galaxies

| Observation | Proposal 3368, Observation 8: IR08572-BG MIRI Tue Jan 30 18:00:46 GMT 2024 Diagnostic Status: Warning Observing Template: MIRI Medium Resolution Spectroscopy | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|----------------------|--------------------------|-------------------------|------------|-------------------|-----------------|----------|---------------|--------------------|---------------------|------------------|------------------|----------------------|--------------------------|-------------------------|------------|-------------------|---|-----------|---------------|--------------------|---------------------|------------------|---|--|--------|-------|--------|---|----|---|----------|---|----|---------|--|---|----------|---------|--|--------|----|---|---|----------|---|---|---------|--|---|----------|----------|--|--------|----|---|---|----------|---|---|---------|--|---|--|--------|-------|--------|---|----|---|----------|---|----|---------|--|---|-----------|---------|--|--------|----|---|---|----------|---|---|---------|--|---|-----------|----------|--|--------|----|---|---|----------|---|---|---------|--|---|--|--------|--------|--------|---|----|---|----------|---|----|---------|--|---|---------|---------|--|--------|----|---|---|----------|---|---|---------|--|---|---------|----------|--|--------|----|---|---|----------|---|---|---------|--|
| | (IR08572-BG MIRI (Obs 8)) Warning (Form): Imager Filter overlap. (Visit 8:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fixed Targets | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(5)</td> <td>IR08572-NW</td> <td>RA: 09 00 25.3777 (135.1057404d) Dec: +39 03 54.13 (39.06504d) Equinox: J2000</td> <td></td> <td></td> </tr> </tbody> </table> Comments: Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | | | | | | | | | # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous | (5) | IR08572-NW | RA: 09 00 25.3777 (135.1057404d) Dec: +39 03 54.13 (39.06504d) Equinox: J2000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (5) | IR08572-NW | RA: 09 00 25.3777 (135.1057404d) Dec: +39 03 54.13 (39.06504d) Equinox: J2000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>#</th> <th>Target</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>NONE</td> </tr> </tbody> </table> | | | | | | | | | | | | # | Target | 1 | NONE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| # | Target | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | NONE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Template | <table border="1"> <thead> <tr> <th>AcqFilter</th> <th>Primary Channel</th> <th>Simultaneous Imaging</th> <th>Imager Subarray</th> <th>Grating Wheel Direction</th> </tr> </thead> <tbody> <tr> <td>F560W</td> <td>All MRS</td> <td>YES</td> <td>BRIGHTSKY</td> <td>NEUTRAL</td> </tr> </tbody> </table> | | | | | | | | | | | | AcqFilter | Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction | F560W | All MRS | YES | BRIGHTSKY | NEUTRAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | AcqFilter | Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F560W | All MRS | YES | BRIGHTSKY | NEUTRAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dithers | <table border="1"> <thead> <tr> <th>#</th> <th>Dither Type</th> <th>Optimized For</th> <th>Direction</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2-Point</td> <td>EXTENDED SOURCE</td> <td>NEGATIVE</td> </tr> </tbody> </table> | | | | | | | | | | | | # | Dither Type | Optimized For | Direction | 1 | 2-Point | EXTENDED SOURCE | NEGATIVE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | # | Dither Type | Optimized For | Direction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2-Point | EXTENDED SOURCE | NEGATIVE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spectral Elements | <table border="1"> <thead> <tr> <th>#</th> <th>Wavelength Range</th> <th>Detector</th> <th>Filter</th> <th>Readout Pattern</th> <th>Groups/Int</th> <th>Integrations/E xp</th> <th>Exposures/Dit h</th> <th>Dither</th> <th>Total Dithers</th> <th>Total Integrations</th> <th>Total Exposure Time</th> <th>ETC Wkbk.Calc ID</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td>IMAGER</td> <td>F560W</td> <td>FASTR1</td> <td>7</td> <td>13</td> <td>1</td> <td>Dither 1</td> <td>2</td> <td>26</td> <td>178.248</td> <td></td> </tr> <tr> <td>1</td> <td>SHORT(A)</td> <td>MRSLONG</td> <td></td> <td>FASTR1</td> <td>40</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>2</td> <td>2</td> <td>222.003</td> <td></td> </tr> <tr> <td>1</td> <td>SHORT(A)</td> <td>MRSSHORT</td> <td></td> <td>FASTR1</td> <td>40</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>2</td> <td>2</td> <td>222.003</td> <td></td> </tr> <tr> <td>2</td> <td></td> <td>IMAGER</td> <td>F770W</td> <td>FASTR1</td> <td>7</td> <td>13</td> <td>1</td> <td>Dither 1</td> <td>2</td> <td>26</td> <td>178.248</td> <td></td> </tr> <tr> <td>2</td> <td>MEDIUM(B)</td> <td>MRSLONG</td> <td></td> <td>FASTR1</td> <td>40</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>2</td> <td>2</td> <td>222.003</td> <td></td> </tr> <tr> <td>2</td> <td>MEDIUM(B)</td> <td>MRSSHORT</td> <td></td> <td>FASTR1</td> <td>40</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>2</td> <td>2</td> <td>222.003</td> <td></td> </tr> <tr> <td>3</td> <td></td> <td>IMAGER</td> <td>F1500W</td> <td>FASTR1</td> <td>7</td> <td>13</td> <td>1</td> <td>Dither 1</td> <td>2</td> <td>26</td> <td>178.248</td> <td></td> </tr> <tr> <td>3</td> <td>LONG(C)</td> <td>MRSLONG</td> <td></td> <td>FASTR1</td> <td>80</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>2</td> <td>2</td> <td>444.006</td> <td></td> </tr> <tr> <td>3</td> <td>LONG(C)</td> <td>MRSSHORT</td> <td></td> <td>FASTR1</td> <td>80</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>2</td> <td>2</td> <td>444.006</td> <td></td> </tr> </tbody> </table> | | | | | | | | | | | | # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/E xp | Exposures/Dit h | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID | 1 | | IMAGER | F560W | FASTR1 | 7 | 13 | 1 | Dither 1 | 2 | 26 | 178.248 | | 1 | SHORT(A) | MRSLONG | | FASTR1 | 40 | 1 | 1 | Dither 1 | 2 | 2 | 222.003 | | 1 | SHORT(A) | MRSSHORT | | FASTR1 | 40 | 1 | 1 | Dither 1 | 2 | 2 | 222.003 | | 2 | | IMAGER | F770W | FASTR1 | 7 | 13 | 1 | Dither 1 | 2 | 26 | 178.248 | | 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 40 | 1 | 1 | Dither 1 | 2 | 2 | 222.003 | | 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 40 | 1 | 1 | Dither 1 | 2 | 2 | 222.003 | | 3 | | IMAGER | F1500W | FASTR1 | 7 | 13 | 1 | Dither 1 | 2 | 26 | 178.248 | | 3 | LONG(C) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | | 3 | LONG(C) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | |
| | # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/E xp | Exposures/Dit h | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | | IMAGER | F560W | FASTR1 | 7 | 13 | 1 | Dither 1 | 2 | 26 | 178.248 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | SHORT(A) | MRSLONG | | FASTR1 | 40 | 1 | 1 | Dither 1 | 2 | 2 | 222.003 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | SHORT(A) | MRSSHORT | | FASTR1 | 40 | 1 | 1 | Dither 1 | 2 | 2 | 222.003 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | | IMAGER | F770W | FASTR1 | 7 | 13 | 1 | Dither 1 | 2 | 26 | 178.248 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 40 | 1 | 1 | Dither 1 | 2 | 2 | 222.003 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 40 | 1 | 1 | Dither 1 | 2 | 2 | 222.003 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | | IMAGER | F1500W | FASTR1 | 7 | 13 | 1 | Dither 1 | 2 | 26 | 178.248 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | LONG(C) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Proposal 3368 - Observation 8 - A JWST Survey of Ultraluminous Infrared Galaxies

Special Requirements

Aperture PA Range 0 to 250 Degrees (V3 0.0 to 250.0)
Aperture PA Range 275 to 359 Degrees (V3 275.0 to 359.0)
Offset -45.0 arcsec, -75.0 arcsec
Group Observations 7, 8, 49, 141, Non-interruptible

Proposal 3368 - Observation 141 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | | |
|-----------------------------|--|--------------------|---|-------------------------|-------------------------|---------------------------------|-----------------------|----------------------|---------------------------|----------------------------|-------------------------|
| Observation | <p>Proposal 3368, Observation 141: IRASF08572-MIRI imaging - Subarray</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: MIRI Imaging</p> | | | | | | | | | | |
| Diagnostics | <p>(IRASF08572-MIRI imaging - Subarray (Obs 141)) Warning (Form): Mosaic-overlap value less than 20% using SUB128 or SUB64 could result in poor quality data at the adjacent regions</p> <p>(IRASF08572-MIRI imaging - Subarray (Obs 141)) Warning (Form): Mosaic-overlap value less than 20% using SUB128 or SUB64 could result in poor quality data at the adjacent regions</p> <p>(Visit 141:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p> | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | Targ. Coord. Corrections | | | Miscellaneous | | |
| | (5) | IR08572-NW | RA: 09 00 25.3777 (135.1057404d) Dec: +39 03 54.13 (39.06504d) Equinox: J2000 | | | | | | | | |
| | <p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Infrared galaxies, Interacting galaxies]</i> <i>Extended=YES</i></p> | | | | | | | | | | |
| Template | <p>Subarray</p> <p>SUB128</p> | | | | | | | | | | |
| Dithers | # | Dither Type | Starting Point | Number of Points | Points | Starting Set | Number of Sets | Optimized For | Direction | Pattern Size | |
| | 1 | CYCLING | 1 | 3 | | | | | | DEFAULT | |
| Spectral Elements | # | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | F1500W | FASTR1 | 6 | 15 | 1 | Dither 1 | 3 | 45 | 37.14 | |
| | 2 | F770W | FASTR1 | 6 | 15 | 1 | Dither 1 | 3 | 45 | 37.14 | |
| | 3 | F560W | FASTR1 | 6 | 15 | 1 | Dither 1 | 3 | 45 | 37.14 | |
| Special Requirements | <p>Group Observations 7, 8, 49, 141, Non-interruptible</p> | | | | | | | | | | |

Proposal 3368 - Observation 109 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | | | |
|--------------------------|---|-----------------------|---|-------------------|-------------------------|---------------------------------|---------------|-------------------------|----------------------|---------------------------|----------------------------|-------------------------|
| Observation | <p>Proposal 3368, Observation 109: IR08572-NW-NIRSpec</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec IFU Spectroscopy</p> | | | | | | | | | | | |
| Diagnostics | (Visit 109:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | Targ. Coord. Corrections | | | Miscellaneous | | | |
| | (5) | IR08572-NW | RA: 09 00 25.3777 (135.1057404d) Dec: +39 03 54.13 (39.06504d) Equinox: J2000 | | | | | | | | | |
| | <p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Infrared galaxies, Interacting galaxies]</i> <i>Extended=YES</i></p> | | | | | | | | | | | |
| Template | TA Method | | | | | | | | | | | |
| | NONE | | | | | | | | | | | |
| Dithers | # | Dither Type | | Size | Starting Point | | | Number of Points | Points | | | |
| | 1 | CYCLING | | SMALL | 1 | | | 4 | | | | |
| Spectral Elements | # | Grating/Filter | Readout Pattern | Groups/Int | Integrations/Exp | Leakcal | Dither | Autocal | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | G395H/F290LP | NRSIRS2RAPI D | 15 | 1 | false | true | NONE | 4 | 4 | 933.689 | |
| | 2 | G395H/F290LP | NRSIRS2RAPI D | 15 | 1 | true | false | NONE | 1 | 1 | 233.422 | |

Proposal 3368 - Observation 110 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | | | |
|--------------------------|---|-----------------------|---|-------------------|-------------------------|---------------------------------|---------------|-------------------------|----------------------|---------------------------|----------------------------|-------------------------|
| Observation | <p>Proposal 3368, Observation 110: IR08572-SE-NIRSpec Diagnostic Status: Warning Observing Template: NIRSpec IFU Spectroscopy</p> | | | | | | | | | | | |
| Diagnostics | (Visit 110:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | Targ. Coord. Corrections | | | Miscellaneous | | | |
| | (33) | IR08572-SE | RA: 09 00 25.5970 (135.1066542d) Dec: +39 03 49.48 (39.06374d) Equinox: J2000 | | | | | | | | | |
| | <p><i>Comments:</i> Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES</p> | | | | | | | | | | | |
| Template | TA Method | | | | | | | | | | | |
| | NONE | | | | | | | | | | | |
| Dithers | # | Dither Type | | Size | Starting Point | | | Number of Points | Points | | | |
| | 1 | CYCLING | | SMALL | 1 | | | 4 | | | | |
| Spectral Elements | # | Grating/Filter | Readout Pattern | Groups/Int | Integrations/Exp | Leakcal | Dither | Autocal | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | G395H/F290LP | NRSIRS2RAPI D | 15 | 1 | false | true | NONE | 4 | 4 | 933.689 | |
| | 2 | G395H/F290LP | NRSIRS2RAPI D | 15 | 1 | true | false | NONE | 1 | 1 | 233.422 | |

Proposal 3368 - Observation 111 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | |
|-----------------------------|---|----------------------------|---|------------------------|---------------------------------|-------------------------|---------------------------|---------------------------|----------------------------|-------------------------|
| Observation | <p>Proposal 3368, Observation 111: IR08572-NIRCam Imaging</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRCam Imaging</p> | | | | | | | | | |
| Diagnostics | (Visit 111:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | Targ. Coord. Corrections | | | Miscellaneous | | |
| | (5) | IR08572-NW | RA: 09 00 25.3777 (135.1057404d) Dec: +39 03 54.13 (39.06504d) Equinox: J2000 | | | | | | | |
| | <p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Infrared galaxies, Interacting galaxies]</i> <i>Extended=YES</i></p> | | | | | | | | | |
| Template | Module | | Subarray | | | Target Placement | | | | |
| | B | | FULL | | | Module Gap | | | | |
| Dithers | # | Primary Dither Type | | Primary Dithers | Subpixel Dither Type | | Dither Size | Subpixel Positions | | |
| | 1 | INTRAMODULE | | 3 | STANDARD | | | 3 | | |
| Spectral Elements | # | Short Filter | Long Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Dithers | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | F200W | F356W | RAPID | 6 | 1 | 9 | 9 | 579.786 | |
| | 2 | F150W | F277W | RAPID | 6 | 1 | 9 | 9 | 579.786 | |
| Special Requirements | <p>Offset 35.0 arcsec, 35.0 arcsec</p> <p>Group Observations 111, 142, Non-interruptible</p> | | | | | | | | | |

Proposal 3368 - Observation 142 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | |
|-----------------------------|--|----------------------------|---|------------------------|---------------------------------|-----------------------------|---------------------------|----------------------|----------------------------|---------------------------|
| Observation | <p>Proposal 3368, Observation 142: IRF08572-NIRCam Imaging-Subarray</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRCam Imaging</p> | | | | | | | | | |
| Diagnostics | (Visit 142:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | Targ. Coord. Corrections | | | Miscellaneous | | |
| | (5) | IR08572-NW | RA: 09 00 25.3777 (135.1057404d) Dec: +39 03 54.13 (39.06504d) Equinox: J2000 | | | | | | | |
| | <p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Infrared galaxies, Interacting galaxies]</i> <i>Extended=YES</i></p> | | | | | | | | | |
| Template | Module | | Subarray | | | Target Placement | | | | |
| | B | | SUB160P | | | Module Gap | | | | |
| Dithers | # | Primary Dither Type | | Primary Dithers | | Subpixel Dither Type | | Dither Size | | Subpixel Positions |
| | 1 | NONE | | | | STANDARD | | | | 3 |
| Spectral Elements | # | Short Filter | Long Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Dithers | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | F200W | F356W | RAPID | 7 | 8 | 24 | 3 | 53.622 | 25236 |
| | 2 | F150W | F277W | RAPID | 7 | 8 | 24 | 3 | 53.622 | |
| Special Requirements | Group Observations 111, 142, Non-interruptible | | | | | | | | | |

Proposal 3368 - Observation 10 - A JWST Survey of Ultraluminous Infrared Galaxies

| Observation | Proposal 3368, Observation 10: IR09022-MIRI Tue Jan 30 18:00:46 GMT 2024 Diagnostic Status: Warning Observing Template: MIRI Medium Resolution Spectroscopy | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|----------------------|--------------------------|-------------------------|------------|-------------------|-----------------|----------|---------------|--------------------|---------------------|------------------|------------------|----------------------|--------------------------|-------------------------|------------|-------------------|---|-----------|---------------|--------------------|---------------------|------------------|---|--|--------|-------|--------|---|----|---|----------|---|-----|---------|--|---|----------|---------|--|--------|----|---|---|----------|---|---|---------|--|---|----------|----------|--|--------|----|---|---|----------|---|---|---------|--|---|--|--------|-------|--------|---|----|---|----------|---|-----|---------|--|---|-----------|---------|--|--------|----|---|---|----------|---|---|---------|--|---|-----------|----------|--|--------|----|---|---|----------|---|---|---------|--|---|--|--------|--------|--------|---|----|---|----------|---|-----|---------|--|---|---------|---------|--|--------|----|---|---|----------|---|---|---------|--|---|---------|----------|--|--------|----|---|---|----------|---|---|---------|--|
| | (IR09022-MIRI (Obs 10)) Warning (Form): Imager Filter overlap. (Visit 10:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fixed Targets | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(7)</td> <td>IR09022</td> <td>RA: 09 04 12.7077 (136.0529487d) Dec: -36 27 1.74 (-36.45048d) Equinox: J2000</td> <td></td> <td></td> </tr> </tbody> </table> Comments: Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | | | | | | | | | # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous | (7) | IR09022 | RA: 09 04 12.7077 (136.0529487d) Dec: -36 27 1.74 (-36.45048d) Equinox: J2000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (7) | IR09022 | RA: 09 04 12.7077 (136.0529487d) Dec: -36 27 1.74 (-36.45048d) Equinox: J2000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>#</th> <th>Target</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>NONE</td> </tr> </tbody> </table> | | | | | | | | | | | | # | Target | 1 | NONE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| # | Target | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | NONE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Template | <table border="1"> <thead> <tr> <th>AcqFilter</th> <th>Primary Channel</th> <th>Simultaneous Imaging</th> <th>Imager Subarray</th> <th>Grating Wheel Direction</th> </tr> </thead> <tbody> <tr> <td>F560W</td> <td>All MRS</td> <td>YES</td> <td>BRIGHTSKY</td> <td>NEUTRAL</td> </tr> </tbody> </table> | | | | | | | | | | | | AcqFilter | Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction | F560W | All MRS | YES | BRIGHTSKY | NEUTRAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | AcqFilter | Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F560W | All MRS | YES | BRIGHTSKY | NEUTRAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dithers | <table border="1"> <thead> <tr> <th>#</th> <th>Dither Type</th> <th>Optimized For</th> <th>Direction</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4-Point</td> <td>EXTENDED SOURCE</td> <td>NEGATIVE</td> </tr> </tbody> </table> | | | | | | | | | | | | # | Dither Type | Optimized For | Direction | 1 | 4-Point | EXTENDED SOURCE | NEGATIVE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | # | Dither Type | Optimized For | Direction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 4-Point | EXTENDED SOURCE | NEGATIVE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spectral Elements | <table border="1"> <thead> <tr> <th>#</th> <th>Wavelength Range</th> <th>Detector</th> <th>Filter</th> <th>Readout Pattern</th> <th>Groups/Int</th> <th>Integrations/E xp</th> <th>Exposures/Dit h</th> <th>Dither</th> <th>Total Dithers</th> <th>Total Integrations</th> <th>Total Exposure Time</th> <th>ETC Wkbk.Calc ID</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td>IMAGER</td> <td>F560W</td> <td>FASTR1</td> <td>7</td> <td>30</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>120</td> <td>827.208</td> <td></td> </tr> <tr> <td>1</td> <td>SHORT(A)</td> <td>MRSLONG</td> <td></td> <td>FASTR1</td> <td>80</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>4</td> <td>888.013</td> <td></td> </tr> <tr> <td>1</td> <td>SHORT(A)</td> <td>MRSSHORT</td> <td></td> <td>FASTR1</td> <td>80</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>4</td> <td>888.013</td> <td></td> </tr> <tr> <td>2</td> <td></td> <td>IMAGER</td> <td>F770W</td> <td>FASTR1</td> <td>7</td> <td>30</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>120</td> <td>827.208</td> <td></td> </tr> <tr> <td>2</td> <td>MEDIUM(B)</td> <td>MRSLONG</td> <td></td> <td>FASTR1</td> <td>80</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>4</td> <td>888.013</td> <td></td> </tr> <tr> <td>2</td> <td>MEDIUM(B)</td> <td>MRSSHORT</td> <td></td> <td>FASTR1</td> <td>80</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>4</td> <td>888.013</td> <td></td> </tr> <tr> <td>3</td> <td></td> <td>IMAGER</td> <td>F1500W</td> <td>FASTR1</td> <td>7</td> <td>30</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>120</td> <td>827.208</td> <td></td> </tr> <tr> <td>3</td> <td>LONG(C)</td> <td>MRSLONG</td> <td></td> <td>FASTR1</td> <td>80</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>4</td> <td>888.013</td> <td></td> </tr> <tr> <td>3</td> <td>LONG(C)</td> <td>MRSSHORT</td> <td></td> <td>FASTR1</td> <td>80</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>4</td> <td>888.013</td> <td></td> </tr> </tbody> </table> | | | | | | | | | | | | # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/E xp | Exposures/Dit h | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID | 1 | | IMAGER | F560W | FASTR1 | 7 | 30 | 1 | Dither 1 | 4 | 120 | 827.208 | | 1 | SHORT(A) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | 1 | SHORT(A) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | 2 | | IMAGER | F770W | FASTR1 | 7 | 30 | 1 | Dither 1 | 4 | 120 | 827.208 | | 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | 3 | | IMAGER | F1500W | FASTR1 | 7 | 30 | 1 | Dither 1 | 4 | 120 | 827.208 | | 3 | LONG(C) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | 3 | LONG(C) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | |
| | # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/E xp | Exposures/Dit h | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | | IMAGER | F560W | FASTR1 | 7 | 30 | 1 | Dither 1 | 4 | 120 | 827.208 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | SHORT(A) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | SHORT(A) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | | IMAGER | F770W | FASTR1 | 7 | 30 | 1 | Dither 1 | 4 | 120 | 827.208 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | | IMAGER | F1500W | FASTR1 | 7 | 30 | 1 | Dither 1 | 4 | 120 | 827.208 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | LONG(C) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | LONG(C) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Proposal 3368 - Observation 10 - A JWST Survey of Ultraluminous Infrared Galaxies

Special Requirements

Group Observations 10, 11, Non-interruptible

Proposal 3368 - Observation 11 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | | | | |
|--------------------------|---|------------------|---|--------|----------------------|---|-------------------|-----------------|-------------------------|---------------|--------------------|---------------------|------------------|
| Observation | Proposal 3368, Observation 11: IR09022-BG MIRI Diagnostic Status: Warning Observing Template: MIRI Medium Resolution Spectroscopy | | | | | | | | | | | | |
| | (IR09022-BG MIRI (Obs 11)) Warning (Form): Imager Filter overlap. (Visit 11:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | Targ. Coord. Corrections | | | Miscellaneous | | | | |
| | (7) | IR09022 | RA: 09 04 12.7077 (136.0529487d) Dec: -36 27 1.74 (-36.45048d) Equinox: J2000 | | | Comments: Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | | | | |
| Acquisition | # | Target | | | | | | | | | | | |
| | 1 | NONE | | | | | | | | | | | |
| Template | AcqFilter | Primary Channel | | | Simultaneous Imaging | | Imager Subarray | | Grating Wheel Direction | | | | |
| | F560W | All MRS | | | YES | | BRIGHTSKY | | NEUTRAL | | | | |
| Dithers | # | Dither Type | | | Optimized For | | | Direction | | | | | |
| | 1 | 2-Point | | | EXTENDED SOURCE | | | NEGATIVE | | | | | |
| Spectral Elements | # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/E xp | Exposures/Dit h | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | | IMAGER | F560W | FASTR1 | 7 | 30 | 1 | Dither 1 | 2 | 60 | 413.604 | |
| | 1 | SHORT(A) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | |
| | 1 | SHORT(A) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | |
| | 2 | | IMAGER | F770W | FASTR1 | 7 | 30 | 1 | Dither 1 | 2 | 60 | 413.604 | |
| | 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | |
| | 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | |
| | 3 | | IMAGER | F1500W | FASTR1 | 7 | 30 | 1 | Dither 1 | 2 | 60 | 413.604 | |
| | 3 | LONG(C) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | |
| | 3 | LONG(C) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | |

Proposal 3368 - Observation 11 - A JWST Survey of Ultraluminous Infrared Galaxies

Special Requirements

Aperture PA Range 15 to 50 Degrees (V3 15.0 to 50.0)
Aperture PA Range 80 to 97 Degrees (V3 80.0 to 97.0)
Aperture PA Range 124 to 169 Degrees (V3 124.0 to 169.0)
Aperture PA Range 187 to 207 Degrees (V3 187.0 to 207.0)
Aperture PA Range 308 to 331 Degrees (V3 308.0 to 331.0)
Offset -45.0 arcsec, -75.0 arcsec

Group Observations 10, 11, Non-interruptible

Proposal 3368 - Observation 112 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | | | |
|--------------------------|---|-----------------------|---|-------------------|-------------------------|---------------------------------|---------------|-------------------------|----------------------|---------------------------|----------------------------|-------------------------|
| Observation | <p>Proposal 3368, Observation 112: IR09022-NIRSpec Diagnostic Status: Warning Observing Template: NIRSpec IFU Spectroscopy</p> | | | | | | | | | | | |
| Diagnostics | (Visit 112:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | Targ. Coord. Corrections | | | Miscellaneous | | | |
| | (7) | IR09022 | RA: 09 04 12.7077 (136.0529487d) Dec: -36 27 1.74 (-36.45048d) Equinox: J2000 | | | | | | | | | |
| | <p><i>Comments:</i> Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES</p> | | | | | | | | | | | |
| Template | TA Method | | | | | | | | | | | |
| | NONE | | | | | | | | | | | |
| Dithers | # | Dither Type | | Size | Starting Point | | | Number of Points | Points | | | |
| | 1 | CYCLING | | SMALL | 1 | | | 4 | | | | |
| Spectral Elements | # | Grating/Filter | Readout Pattern | Groups/Int | Integrations/Exp | Leakcal | Dither | Autocal | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | G395H/F290LP | NRSIRS2RAPI D | 15 | 1 | false | true | NONE | 4 | 4 | 933.689 | |
| | 2 | G395H/F290LP | NRSIRS2RAPI D | 15 | 1 | true | false | NONE | 1 | 1 | 233.422 | |

Proposal 3368 - Observation 113 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | |
|-----------------------------|--|----------------------------|---|------------------------|---------------------------------|-------------------------|---------------------------|---------------------------|----------------------------|-------------------------|
| Observation | <p>Proposal 3368, Observation 113: IR09022-NIRCam Imaging</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRCam Imaging</p> | | | | | | | | | |
| Diagnostics | (Visit 113:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | Targ. Coord. Corrections | | | Miscellaneous | | |
| | (7) | IR09022 | RA: 09 04 12.7077 (136.0529487d) Dec: -36 27 1.74 (-36.45048d) Equinox: J2000 | | | | | | | |
| | <p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Infrared galaxies, Interacting galaxies]</i> <i>Extended=YES</i></p> | | | | | | | | | |
| Template | Module | | Subarray | | | Target Placement | | | | |
| | B | | FULL | | | Module Gap | | | | |
| Dithers | # | Primary Dither Type | | Primary Dithers | Subpixel Dither Type | | Dither Size | Subpixel Positions | | |
| | 1 | INTRAMODULE | | 3 | STANDARD | | | 3 | | |
| Spectral Elements | # | Short Filter | Long Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Dithers | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | F200W | F356W | RAPID | 6 | 1 | 9 | 9 | 579.786 | |
| | 2 | F150W | F277W | RAPID | 6 | 1 | 9 | 9 | 579.786 | |
| Special Requirements | Offset 35.0 arcsec, 35.0 arcsec | | | | | | | | | |

Proposal 3368 - Observation 13 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | | | | |
|--------------------------|--|------------------|--|--------|----------------------|-----------------|--------------------------|-----------------|----------|-------------------------|--------------------|---------------------|------------------|
| Observation | Proposal 3368, Observation 13: IR09111-MIRI Diagnostic Status: Warning Observing Template: MIRI Medium Resolution Spectroscopy | | | | | | | | | | | | |
| | (IR09111-MIRI (Obs 13)) Warning (Form): Imager Filter overlap. (Visit 13:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | | Targ. Coord. Corrections | | | Miscellaneous | | | |
| | (9) | IR09111 | RA: 09 13 36.4511 (138.4018796d) Dec: -10 19 30.13 (-10.32504d) Equinox: J2000 <i>Comments:</i> Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | | | | | | | |
| Acquisition | # | Target | | | | | | | | | | | |
| | 1 | NONE | | | | | | | | | | | |
| Template | AcqFilter | Primary Channel | | | Simultaneous Imaging | | | Imager Subarray | | Grating Wheel Direction | | | |
| | F560W | All MRS | | | YES | | | FULL | | NEUTRAL | | | |
| Dithers | # | Dither Type | | | | Optimized For | | | | Direction | | | |
| | 1 | 4-Point | | | | EXTENDED SOURCE | | | | NEGATIVE | | | |
| Spectral Elements | # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/E xp | Exposures/Dit h | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | | IMAGER | F560W | FASTR1 | 10 | 16 | 1 | Dither 1 | 4 | 64 | 1942.528 | |
| | 1 | SHORT(A) | MRSLONG | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 4 | 8 | 2197.873 | |
| | 1 | SHORT(A) | MRSSHORT | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 4 | 8 | 2197.873 | |
| | 2 | | IMAGER | F770W | FASTR1 | 10 | 16 | 1 | Dither 1 | 4 | 64 | 1942.528 | |
| | 2 | MEDIUM(B) | MRSLONG | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 4 | 8 | 2197.873 | |
| | 2 | MEDIUM(B) | MRSSHORT | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 4 | 8 | 2197.873 | |
| | 3 | | IMAGER | F1500W | FASTR1 | 10 | 16 | 1 | Dither 1 | 4 | 64 | 1942.528 | |
| | 3 | LONG(C) | MRSLONG | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 4 | 8 | 2197.873 | |
| | 3 | LONG(C) | MRSSHORT | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 4 | 8 | 2197.873 | |

Proposal 3368 - Observation 13 - A JWST Survey of Ultraluminous Infrared Galaxies

Special Requirements

Group Observations 13, 14, Non-interruptible

Proposal 3368 - Observation 14 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | | | | |
|--|---|-------------------------|--|---------------|-----------------------------|----------------------|---------------------------------|------------------------|---------------|--------------------------------|---------------------------|----------------------------|-------------------------|
| Observation | Proposal 3368, Observation 14: IR09111-BG MIRI Diagnostic Status: Warning Observing Template: MIRI Medium Resolution Spectroscopy | | | | | | | | | | | | |
| | (IR09111-BG MIRI (Obs 14)) Warning (Form): Imager Filter overlap. (Visit 14:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | | Targ. Coord. Corrections | | | Miscellaneous | | | |
| | (9) | IR09111 | RA: 09 13 36.4511 (138.4018796d) Dec: -10 19 30.13 (-10.32504d) Equinox: J2000 | | | | | | | | | | |
| <i>Comments:</i> Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | | | | | | | | | | |
| Acquisition | # | Target | | | | | | | | | | | |
| | 1 | NONE | | | | | | | | | | | |
| Template | AcqFilter | Primary Channel | | | Simultaneous Imaging | | | Imager Subarray | | Grating Wheel Direction | | | |
| | F560W | All MRS | | | YES | | | FULL | | NEUTRAL | | | |
| Dithers | # | Dither Type | | | | Optimized For | | | | Direction | | | |
| | 1 | 2-Point | | | | EXTENDED SOURCE | | | | NEGATIVE | | | |
| Spectral Elements | # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/E xp | Exposures/Dit h | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | | IMAGER | F560W | FASTR1 | 10 | 16 | 1 | Dither 1 | 2 | 32 | 971.264 | |
| | 1 | SHORT(A) | MRSLONG | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 2 | 4 | 1098.936 | |
| | 1 | SHORT(A) | MRSSHORT | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 2 | 4 | 1098.936 | |
| | 2 | | IMAGER | F770W | FASTR1 | 10 | 16 | 1 | Dither 1 | 2 | 32 | 971.264 | |
| | 2 | MEDIUM(B) | MRSLONG | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 2 | 4 | 1098.936 | |
| | 2 | MEDIUM(B) | MRSSHORT | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 2 | 4 | 1098.936 | |
| | 3 | | IMAGER | F1500W | FASTR1 | 10 | 16 | 1 | Dither 1 | 2 | 32 | 971.264 | |
| | 3 | LONG(C) | MRSLONG | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 2 | 4 | 1098.936 | |
| | 3 | LONG(C) | MRSSHORT | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 2 | 4 | 1098.936 | |

Proposal 3368 - Observation 14 - A JWST Survey of Ultraluminous Infrared Galaxies

Special Requirements

Offset -35.0 arcsec, -55.0 arcsec

Group Observations 13, 14, Non-interruptible

Proposal 3368 - Observation 114 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | | | |
|--------------------------|---|-----------------------|--|-------------------|-------------------------|---------------------------------|---------------|-------------------------|----------------------|---------------------------|----------------------------|-------------------------|
| Observation | <p>Proposal 3368, Observation 114: IR09111-NIRSpec Diagnostic Status: Warning Observing Template: NIRSpec IFU Spectroscopy</p> | | | | | | | | | | | |
| Diagnostics | (Visit 114:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | Targ. Coord. Corrections | | | Miscellaneous | | | |
| | (9) | IR09111 | RA: 09 13 36.4511 (138.4018796d) Dec: -10 19 30.13 (-10.32504d) Equinox: J2000 | | | | | | | | | |
| | <p><i>Comments:</i> Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES</p> | | | | | | | | | | | |
| Template | TA Method | | | | | | | | | | | |
| | NONE | | | | | | | | | | | |
| Dithers | # | Dither Type | | Size | Starting Point | | | Number of Points | Points | | | |
| | 1 | CYCLING | | SMALL | 1 | | | 4 | | | | |
| Spectral Elements | # | Grating/Filter | Readout Pattern | Groups/Int | Integrations/Exp | Leakcal | Dither | Autocal | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | G395H/F290LP | NRSIRS2RAPI D | 25 | 1 | false | true | NONE | 4 | 4 | 1517.245 | |
| | 2 | G395H/F290LP | NRSIRS2RAPI D | 25 | 1 | true | false | NONE | 1 | 1 | 379.311 | |

Proposal 3368 - Observation 115 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | |
|-----------------------------|---|----------------------------|--|------------------------|---------------------------------|-------------------------|---------------------------|---------------------------|----------------------------|-------------------------|
| Observation | <p>Proposal 3368, Observation 115: IR09111-NIRCam Imaging</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRCam Imaging</p> | | | | | | | | | |
| Diagnostics | (Visit 115:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | Targ. Coord. Corrections | | | Miscellaneous | | |
| | (9) | IR09111 | RA: 09 13 36.4511 (138.4018796d) Dec: -10 19 30.13 (-10.32504d) Equinox: J2000 | | | | | | | |
| | <p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Infrared galaxies, Interacting galaxies]</i> <i>Extended=YES</i></p> | | | | | | | | | |
| Template | Module | | Subarray | | | Target Placement | | | | |
| | B | | FULL | | | Module Gap | | | | |
| Dithers | # | Primary Dither Type | | Primary Dithers | Subpixel Dither Type | | Dither Size | Subpixel Positions | | |
| | 1 | INTRAMODULE | | 3 | STANDARD | | | 3 | | |
| Spectral Elements | # | Short Filter | Long Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Dithers | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | F200W | F356W | RAPID | 6 | 1 | 9 | 9 | 579.786 | |
| | 2 | F150W | F277W | RAPID | 6 | 1 | 9 | 9 | 579.786 | |
| Special Requirements | Offset 25.0 arcsec, 35.0 arcsec | | | | | | | | | |

Proposal 3368 - Observation 19 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| Observation | Proposal 3368, Observation 19: IR10565-MIRI Diagnostic Status: Warning Observing Template: MIRI Medium Resolution Spectroscopy | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|----------------------|--------------------------|-------------------------|------------|-------------------|-----------------|----------|---------------|--------------------|---------------------|------------------|------------------|----------------------|--------------------------|-------------------------|------------|-------------------|---|-----------|---------------|--------------------|---------------------|------------------|---|--|--------|-------|--------|---|----|---|----------|---|-----|---------|--|---|----------|---------|--|--------|----|---|---|----------|---|---|---------|--|---|----------|----------|--|--------|----|---|---|----------|---|---|---------|--|---|--|--------|-------|--------|---|----|---|----------|---|-----|---------|--|---|-----------|---------|--|--------|----|---|---|----------|---|---|---------|--|---|-----------|----------|--|--------|----|---|---|----------|---|---|---------|--|---|--|--------|--------|--------|---|----|---|----------|---|-----|---------|--|---|---------|---------|--|--------|----|---|---|----------|---|---|---------|--|---|---------|----------|--|--------|----|---|---|----------|---|---|---------|--|
| | (IR10565-MIRI (Obs 19)) Warning (Form): Imager Filter overlap. (Visit 19:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fixed Targets | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(13)</td> <td>IR10565</td> <td>RA: 10 59 18.1400 (164.8255833d) Dec: +24 32 34.30 (24.54286d) Equinox: J2000</td> <td></td> <td></td> </tr> </tbody> </table> Comments: Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | | | | | | | | | # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous | (13) | IR10565 | RA: 10 59 18.1400 (164.8255833d) Dec: +24 32 34.30 (24.54286d) Equinox: J2000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (13) | IR10565 | RA: 10 59 18.1400 (164.8255833d) Dec: +24 32 34.30 (24.54286d) Equinox: J2000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>#</th> <th>Target</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>NONE</td> </tr> </tbody> </table> | | | | | | | | | | | | # | Target | 1 | NONE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| # | Target | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | NONE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Template | <table border="1"> <thead> <tr> <th>AcqFilter</th> <th>Primary Channel</th> <th>Simultaneous Imaging</th> <th>Imager Subarray</th> <th>Grating Wheel Direction</th> </tr> </thead> <tbody> <tr> <td>F560W</td> <td>All MRS</td> <td>YES</td> <td>BRIGHTSKY</td> <td>NEUTRAL</td> </tr> </tbody> </table> | | | | | | | | | | | | AcqFilter | Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction | F560W | All MRS | YES | BRIGHTSKY | NEUTRAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | AcqFilter | Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F560W | All MRS | YES | BRIGHTSKY | NEUTRAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dithers | <table border="1"> <thead> <tr> <th>#</th> <th>Dither Type</th> <th>Optimized For</th> <th>Direction</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4-Point</td> <td>EXTENDED SOURCE</td> <td>NEGATIVE</td> </tr> </tbody> </table> | | | | | | | | | | | | # | Dither Type | Optimized For | Direction | 1 | 4-Point | EXTENDED SOURCE | NEGATIVE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | # | Dither Type | Optimized For | Direction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 4-Point | EXTENDED SOURCE | NEGATIVE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spectral Elements | <table border="1"> <thead> <tr> <th>#</th> <th>Wavelength Range</th> <th>Detector</th> <th>Filter</th> <th>Readout Pattern</th> <th>Groups/Int</th> <th>Integrations/E xp</th> <th>Exposures/Dit h</th> <th>Dither</th> <th>Total Dithers</th> <th>Total Integrations</th> <th>Total Exposure Time</th> <th>ETC Wkbk.Calc ID</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td>IMAGER</td> <td>F560W</td> <td>FASTR1</td> <td>7</td> <td>30</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>120</td> <td>827.208</td> <td></td> </tr> <tr> <td>1</td> <td>SHORT(A)</td> <td>MRSLONG</td> <td></td> <td>FASTR1</td> <td>80</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>4</td> <td>888.013</td> <td></td> </tr> <tr> <td>1</td> <td>SHORT(A)</td> <td>MRSSHORT</td> <td></td> <td>FASTR1</td> <td>80</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>4</td> <td>888.013</td> <td></td> </tr> <tr> <td>2</td> <td></td> <td>IMAGER</td> <td>F770W</td> <td>FASTR1</td> <td>7</td> <td>30</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>120</td> <td>827.208</td> <td></td> </tr> <tr> <td>2</td> <td>MEDIUM(B)</td> <td>MRSLONG</td> <td></td> <td>FASTR1</td> <td>80</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>4</td> <td>888.013</td> <td></td> </tr> <tr> <td>2</td> <td>MEDIUM(B)</td> <td>MRSSHORT</td> <td></td> <td>FASTR1</td> <td>80</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>4</td> <td>888.013</td> <td></td> </tr> <tr> <td>3</td> <td></td> <td>IMAGER</td> <td>F1500W</td> <td>FASTR1</td> <td>7</td> <td>30</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>120</td> <td>827.208</td> <td></td> </tr> <tr> <td>3</td> <td>LONG(C)</td> <td>MRSLONG</td> <td></td> <td>FASTR1</td> <td>80</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>4</td> <td>888.013</td> <td></td> </tr> <tr> <td>3</td> <td>LONG(C)</td> <td>MRSSHORT</td> <td></td> <td>FASTR1</td> <td>80</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>4</td> <td>888.013</td> <td></td> </tr> </tbody> </table> | | | | | | | | | | | | # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/E xp | Exposures/Dit h | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID | 1 | | IMAGER | F560W | FASTR1 | 7 | 30 | 1 | Dither 1 | 4 | 120 | 827.208 | | 1 | SHORT(A) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | 1 | SHORT(A) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | 2 | | IMAGER | F770W | FASTR1 | 7 | 30 | 1 | Dither 1 | 4 | 120 | 827.208 | | 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | 3 | | IMAGER | F1500W | FASTR1 | 7 | 30 | 1 | Dither 1 | 4 | 120 | 827.208 | | 3 | LONG(C) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | 3 | LONG(C) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | |
| | # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/E xp | Exposures/Dit h | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | | IMAGER | F560W | FASTR1 | 7 | 30 | 1 | Dither 1 | 4 | 120 | 827.208 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | SHORT(A) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | SHORT(A) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | | IMAGER | F770W | FASTR1 | 7 | 30 | 1 | Dither 1 | 4 | 120 | 827.208 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | | IMAGER | F1500W | FASTR1 | 7 | 30 | 1 | Dither 1 | 4 | 120 | 827.208 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | LONG(C) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Proposal 3368 - Observation 19 - A JWST Survey of Ultraluminous Infrared Galaxies

Special Requirements

Group Observations 19, 20, Non-interruptible

Proposal 3368 - Observation 20 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | | | | |
|--------------------------|---|------------------|---|--------|----------------------|---|-------------------|-----------------|---------------|-------------------------|--------------------|---------------------|------------------|
| Observation | Proposal 3368, Observation 20: IR10565-BG MIRI Diagnostic Status: Warning Observing Template: MIRI Medium Resolution Spectroscopy | | | | | | | | | | | | |
| | (IR10565-BG MIRI (Obs 20)) Warning (Form): Imager Filter overlap. (Visit 20:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | Targ. Coord. Corrections | | | Miscellaneous | | | | |
| | (13) | IR10565 | RA: 10 59 18.1400 (164.8255833d) Dec: +24 32 34.30 (24.54286d) Equinox: J2000 | | | Comments: Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | | | | |
| Acquisition | # | Target | | | | | | | | | | | |
| | 1 | NONE | | | | | | | | | | | |
| Template | AcqFilter | Primary Channel | | | Simultaneous Imaging | | | Imager Subarray | | Grating Wheel Direction | | | |
| | F560W | All MRS | | | YES | | | BRIGHTSKY | | NEUTRAL | | | |
| Dithers | # | Dither Type | | | Optimized For | | | Direction | | | | | |
| | 1 | 2-Point | | | EXTENDED SOURCE | | | NEGATIVE | | | | | |
| Spectral Elements | # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/E xp | Exposures/Dit h | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | | IMAGER | F560W | FASTR1 | 7 | 30 | 1 | Dither 1 | 2 | 60 | 413.604 | |
| | 1 | SHORT(A) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | |
| | 1 | SHORT(A) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | |
| | 2 | | IMAGER | F770W | FASTR1 | 7 | 30 | 1 | Dither 1 | 2 | 60 | 413.604 | |
| | 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | |
| | 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | |
| | 3 | | IMAGER | F1500W | FASTR1 | 7 | 30 | 1 | Dither 1 | 2 | 60 | 413.604 | |
| | 3 | LONG(C) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | |
| | 3 | LONG(C) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | |

Proposal 3368 - Observation 20 - A JWST Survey of Ultraluminous Infrared Galaxies

Special Requirements

Offset -45.0 arcsec, -75.0 arcsec

Group Observations 19, 20, Non-interruptible

Proposal 3368 - Observation 22 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| Observation | Proposal 3368, Observation 22: IR13120-MIRI Diagnostic Status: Warning Observing Template: MIRI Medium Resolution Spectroscopy | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|----------------------|--------------------------|-------------------------|------------|-------------------|-----------------|----------|---------------|--------------------|---------------------|------------------|------------------|----------------------|--------------------------|-------------------------|------------|-------------------|---|-----------|---------------|--------------------|---------------------|------------------|---|--|--------|-------|--------|---|----|---|----------|---|-----|---------|--|---|----------|---------|--|--------|----|---|---|----------|---|---|---------|--|---|----------|----------|--|--------|----|---|---|----------|---|---|---------|--|---|--|--------|-------|--------|---|----|---|----------|---|-----|---------|--|---|-----------|---------|--|--------|----|---|---|----------|---|---|---------|--|---|-----------|----------|--|--------|----|---|---|----------|---|---|---------|--|---|--|--------|--------|--------|---|----|---|----------|---|-----|---------|--|---|---------|---------|--|--------|----|---|---|----------|---|---|---------|--|---|---------|----------|--|--------|----|---|---|----------|---|---|---------|--|
| | (IR13120-MIRI (Obs 22)) Warning (Form): Imager Filter overlap. (Visit 22:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Diagnosics | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fixed Targets | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(15)</td> <td>IR13120</td> <td>RA: 13 15 6.3500 (198.7764583d) Dec: -55 09 22.70 (-55.15631d) Equinox: J2000</td> <td></td> <td></td> </tr> </tbody> </table> | | | | | | | | | | | | # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous | (15) | IR13120 | RA: 13 15 6.3500 (198.7764583d) Dec: -55 09 22.70 (-55.15631d) Equinox: J2000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (15) | IR13120 | RA: 13 15 6.3500 (198.7764583d) Dec: -55 09 22.70 (-55.15631d) Equinox: J2000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Comments: Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acquisition | <table border="1"> <thead> <tr> <th>#</th> <th>Target</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>NONE</td> </tr> </tbody> </table> | | | | | | | | | | | | # | Target | 1 | NONE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | # | Target | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | NONE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Template | <table border="1"> <thead> <tr> <th>AcqFilter</th> <th>Primary Channel</th> <th>Simultaneous Imaging</th> <th>Imager Subarray</th> <th>Grating Wheel Direction</th> </tr> </thead> <tbody> <tr> <td>F560W</td> <td>All MRS</td> <td>YES</td> <td>BRIGHTSKY</td> <td>NEUTRAL</td> </tr> </tbody> </table> | | | | | | | | | | | | AcqFilter | Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction | F560W | All MRS | YES | BRIGHTSKY | NEUTRAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | AcqFilter | Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F560W | All MRS | YES | BRIGHTSKY | NEUTRAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Dithers | <table border="1"> <thead> <tr> <th>#</th> <th>Dither Type</th> <th>Optimized For</th> <th>Direction</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4-Point</td> <td>EXTENDED SOURCE</td> <td>NEGATIVE</td> </tr> </tbody> </table> | | | | | | | | | | | | # | Dither Type | Optimized For | Direction | 1 | 4-Point | EXTENDED SOURCE | NEGATIVE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | # | Dither Type | Optimized For | Direction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 4-Point | EXTENDED SOURCE | NEGATIVE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Spectral Elements | <table border="1"> <thead> <tr> <th>#</th> <th>Wavelength Range</th> <th>Detector</th> <th>Filter</th> <th>Readout Pattern</th> <th>Groups/Int</th> <th>Integrations/E xp</th> <th>Exposures/Dit h</th> <th>Dither</th> <th>Total Dithers</th> <th>Total Integrations</th> <th>Total Exposure Time</th> <th>ETC Wkbk.Calc ID</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td>IMAGER</td> <td>F560W</td> <td>FASTR1</td> <td>7</td> <td>30</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>120</td> <td>827.208</td> <td></td> </tr> <tr> <td>1</td> <td>SHORT(A)</td> <td>MRSLONG</td> <td></td> <td>FASTR1</td> <td>80</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>4</td> <td>888.013</td> <td></td> </tr> <tr> <td>1</td> <td>SHORT(A)</td> <td>MRSSHORT</td> <td></td> <td>FASTR1</td> <td>80</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>4</td> <td>888.013</td> <td></td> </tr> <tr> <td>2</td> <td></td> <td>IMAGER</td> <td>F770W</td> <td>FASTR1</td> <td>7</td> <td>30</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>120</td> <td>827.208</td> <td></td> </tr> <tr> <td>2</td> <td>MEDIUM(B)</td> <td>MRSLONG</td> <td></td> <td>FASTR1</td> <td>80</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>4</td> <td>888.013</td> <td></td> </tr> <tr> <td>2</td> <td>MEDIUM(B)</td> <td>MRSSHORT</td> <td></td> <td>FASTR1</td> <td>80</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>4</td> <td>888.013</td> <td></td> </tr> <tr> <td>3</td> <td></td> <td>IMAGER</td> <td>F1500W</td> <td>FASTR1</td> <td>7</td> <td>30</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>120</td> <td>827.208</td> <td></td> </tr> <tr> <td>3</td> <td>LONG(C)</td> <td>MRSLONG</td> <td></td> <td>FASTR1</td> <td>80</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>4</td> <td>888.013</td> <td></td> </tr> <tr> <td>3</td> <td>LONG(C)</td> <td>MRSSHORT</td> <td></td> <td>FASTR1</td> <td>80</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>4</td> <td>888.013</td> <td></td> </tr> </tbody> </table> | | | | | | | | | | | | # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/E xp | Exposures/Dit h | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID | 1 | | IMAGER | F560W | FASTR1 | 7 | 30 | 1 | Dither 1 | 4 | 120 | 827.208 | | 1 | SHORT(A) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | 1 | SHORT(A) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | 2 | | IMAGER | F770W | FASTR1 | 7 | 30 | 1 | Dither 1 | 4 | 120 | 827.208 | | 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | 3 | | IMAGER | F1500W | FASTR1 | 7 | 30 | 1 | Dither 1 | 4 | 120 | 827.208 | | 3 | LONG(C) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | 3 | LONG(C) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | |
| | # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/E xp | Exposures/Dit h | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | 3 | | IMAGER | F1500W | FASTR1 | 7 | 30 | 1 | Dither 1 | 4 | 120 | 827.208 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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Proposal 3368 - Observation 22 - A JWST Survey of Ultraluminous Infrared Galaxies

Special Requirements

Group Observations 22, 23, Non-interruptible

Proposal 3368 - Observation 23 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| Observation | Proposal 3368, Observation 23: IR13120-BG MIRI Diagnostic Status: Warning Observing Template: MIRI Medium Resolution Spectroscopy | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | (IR13120-BG MIRI (Obs 23)) Warning (Form): Imager Filter overlap. (Visit 23:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fixed Targets | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(15)</td> <td>IR13120</td> <td>RA: 13 15 6.3500 (198.7764583d) Dec: -55 09 22.70 (-55.15631d) Equinox: J2000</td> <td></td> <td></td> </tr> </tbody> </table> Comments: Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | | | | | | | | | # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous | (15) | IR13120 | RA: 13 15 6.3500 (198.7764583d) Dec: -55 09 22.70 (-55.15631d) Equinox: J2000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (15) | IR13120 | RA: 13 15 6.3500 (198.7764583d) Dec: -55 09 22.70 (-55.15631d) Equinox: J2000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| # | Target | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | NONE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Template | <table border="1"> <thead> <tr> <th>AcqFilter</th> <th>Primary Channel</th> <th>Simultaneous Imaging</th> <th>Imager Subarray</th> <th>Grating Wheel Direction</th> </tr> </thead> <tbody> <tr> <td>F560W</td> <td>All MRS</td> <td>YES</td> <td>BRIGHTSKY</td> <td>NEUTRAL</td> </tr> </tbody> </table> | | | | | | | | | | | | AcqFilter | Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction | F560W | All MRS | YES | BRIGHTSKY | NEUTRAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | AcqFilter | Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F560W | All MRS | YES | BRIGHTSKY | NEUTRAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | # | Dither Type | Optimized For | Direction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2-Point | EXTENDED SOURCE | NEGATIVE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spectral Elements | <table border="1"> <thead> <tr> <th>#</th> <th>Wavelength Range</th> <th>Detector</th> <th>Filter</th> <th>Readout Pattern</th> <th>Groups/Int</th> <th>Integrations/E xp</th> <th>Exposures/Dit h</th> <th>Dither</th> <th>Total Dithers</th> <th>Total Integrations</th> <th>Total Exposure Time</th> <th>ETC Wkbk.Calc ID</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td>IMAGER</td> <td>F560W</td> <td>FASTR1</td> <td>7</td> <td>30</td> <td>1</td> <td>Dither 1</td> <td>2</td> <td>60</td> <td>413.604</td> <td></td> </tr> <tr> <td>1</td> <td>SHORT(A)</td> <td>MRSLONG</td> <td></td> <td>FASTR1</td> <td>80</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>2</td> <td>2</td> <td>444.006</td> <td></td> </tr> <tr> <td>1</td> <td>SHORT(A)</td> <td>MRSSHORT</td> <td></td> <td>FASTR1</td> <td>80</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>2</td> <td>2</td> <td>444.006</td> <td></td> </tr> <tr> <td>2</td> <td></td> <td>IMAGER</td> <td>F770W</td> <td>FASTR1</td> <td>7</td> <td>30</td> <td>1</td> <td>Dither 1</td> <td>2</td> <td>60</td> <td>413.604</td> <td></td> </tr> <tr> <td>2</td> <td>MEDIUM(B)</td> <td>MRSLONG</td> <td></td> <td>FASTR1</td> <td>80</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>2</td> <td>2</td> <td>444.006</td> <td></td> </tr> <tr> <td>2</td> <td>MEDIUM(B)</td> <td>MRSSHORT</td> <td></td> <td>FASTR1</td> <td>80</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>2</td> <td>2</td> <td>444.006</td> <td></td> </tr> <tr> <td>3</td> <td></td> <td>IMAGER</td> <td>F1500W</td> <td>FASTR1</td> <td>7</td> <td>30</td> <td>1</td> <td>Dither 1</td> <td>2</td> <td>60</td> <td>413.604</td> <td></td> </tr> <tr> <td>3</td> <td>LONG(C)</td> <td>MRSLONG</td> <td></td> <td>FASTR1</td> <td>80</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>2</td> <td>2</td> <td>444.006</td> <td></td> </tr> <tr> <td>3</td> <td>LONG(C)</td> <td>MRSSHORT</td> <td></td> <td>FASTR1</td> <td>80</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>2</td> <td>2</td> <td>444.006</td> <td></td> </tr> </tbody> </table> | | | | | | | | | | | | # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/E xp | Exposures/Dit h | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID | 1 | | IMAGER | F560W | FASTR1 | 7 | 30 | 1 | Dither 1 | 2 | 60 | 413.604 | | 1 | SHORT(A) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | | 1 | SHORT(A) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | | 2 | | IMAGER | F770W | FASTR1 | 7 | 30 | 1 | Dither 1 | 2 | 60 | 413.604 | | 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | | 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | | 3 | | IMAGER | F1500W | FASTR1 | 7 | 30 | 1 | Dither 1 | 2 | 60 | 413.604 | | 3 | LONG(C) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | | 3 | LONG(C) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | |
| | # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/E xp | Exposures/Dit h | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | | IMAGER | F560W | FASTR1 | 7 | 30 | 1 | Dither 1 | 2 | 60 | 413.604 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | SHORT(A) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | SHORT(A) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | | IMAGER | F770W | FASTR1 | 7 | 30 | 1 | Dither 1 | 2 | 60 | 413.604 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | | IMAGER | F1500W | FASTR1 | 7 | 30 | 1 | Dither 1 | 2 | 60 | 413.604 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | LONG(C) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | LONG(C) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Proposal 3368 - Observation 23 - A JWST Survey of Ultraluminous Infrared Galaxies

Special Requirements

Aperture PA Range 0 to 6 Degrees (V3 0.0 to 6.0)
Aperture PA Range 63 to 118 Degrees (V3 63.0 to 118.0)
Aperture PA Range 239 to 290 Degrees (V3 239.0 to 290.0)
Aperture PA Range 321 to 355 Degrees (V3 321.0 to 355.0)
Offset -45.0 arcsec, -75.0 arcsec

Group Observations 22, 23, Non-interruptible

Proposal 3368 - Observation 118 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | | | |
|--------------------------|---|-----------------------|---|-------------------|-------------------------|---------------------------------|---------------|-------------------------|----------------------|---------------------------|----------------------------|-------------------------|
| Observation | <p>Proposal 3368, Observation 118: IR13120-NIRSpec Diagnostic Status: Warning Observing Template: NIRSpec IFU Spectroscopy</p> | | | | | | | | | | | |
| Diagnostics | (Visit 118:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | Targ. Coord. Corrections | | | Miscellaneous | | | |
| | (15) | IR13120 | RA: 13 15 6.3500 (198.7764583d) Dec: -55 09 22.70 (-55.15631d) Equinox: J2000 | | | | | | | | | |
| | <p><i>Comments:</i> Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES</p> | | | | | | | | | | | |
| Template | TA Method | | | | | | | | | | | |
| | NONE | | | | | | | | | | | |
| Dithers | # | Dither Type | | Size | Starting Point | | | Number of Points | Points | | | |
| | 1 | CYCLING | | SMALL | 1 | | | 4 | | | | |
| Spectral Elements | # | Grating/Filter | Readout Pattern | Groups/Int | Integrations/Exp | Leakcal | Dither | Autocal | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | G395H/F290LP | NRSIRS2RAPI D | 25 | 1 | false | true | NONE | 4 | 4 | 1517.245 | |
| | 2 | G395H/F290LP | NRSIRS2RAPI D | 25 | 1 | true | false | NONE | 1 | 1 | 379.311 | |

Proposal 3368 - Observation 119 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | |
|-----------------------------|---|----------------------------|---|------------------------|---------------------------------|-------------------------|---------------------------|---------------------------|----------------------------|-------------------------|
| Observation | <p>Proposal 3368, Observation 119: IR13120-NIRCam Imaging</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRCam Imaging</p> | | | | | | | | | |
| Diagnostics | (Visit 119:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | Targ. Coord. Corrections | | | Miscellaneous | | |
| | (15) | IR13120 | RA: 13 15 6.3500 (198.7764583d) Dec: -55 09 22.70 (-55.15631d) Equinox: J2000 | | | | | | | |
| | <p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Infrared galaxies, Interacting galaxies]</i> <i>Extended=YES</i></p> | | | | | | | | | |
| Template | Module | | Subarray | | | Target Placement | | | | |
| | B | | FULL | | | Module Gap | | | | |
| Dithers | # | Primary Dither Type | | Primary Dithers | Subpixel Dither Type | | Dither Size | Subpixel Positions | | |
| | 1 | INTRAMODULE | | 3 | STANDARD | | | 3 | | |
| Spectral Elements | # | Short Filter | Long Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Dithers | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | F200W | F356W | RAPID | 6 | 1 | 9 | 9 | 579.786 | |
| | 2 | F150W | F277W | RAPID | 6 | 1 | 9 | 9 | 579.786 | |
| Special Requirements | Offset 35.0 arcsec, 35.0 arcsec | | | | | | | | | |

Proposal 3368 - Observation 28 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | | | | |
|--|---|-------------------------|--|---------------|-----------------------------|---------------------------------|--------------------------|------------------------|----------------------|--------------------------------|---------------------------|----------------------------|-------------------------|
| Observation | Proposal 3368, Observation 28: IR14348-NE-MIRI Diagnostic Status: Warning Observing Template: MIRI Medium Resolution Spectroscopy | | | | | | | | | | | | |
| | (IR14348-NE-MIRI (Obs 28)) Warning (Form): Imager Filter overlap. (Visit 28:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | Targ. Coord. Corrections | | | Miscellaneous | | | | |
| | (19) | IR14348-NE | RA: 14 37 38.4015 (219.4100063d) Dec: -15 00 21.29 (-15.00591d) Equinox: J2000 | | | | | | | | | | |
| <i>Comments:</i> Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | | | | | | | | | | |
| Acquisition | # | Target | | | | | | | | | | | |
| | 1 | NONE | | | | | | | | | | | |
| Template | AcqFilter | Primary Channel | | | Simultaneous Imaging | | | Imager Subarray | | Grating Wheel Direction | | | |
| | F560W | All MRS | | | YES | | | BRIGHTSKY | | NEUTRAL | | | |
| Dithers | # | Dither Type | | | Optimized For | | | Direction | | | | | |
| | 1 | 4-Point | | | EXTENDED SOURCE | | | NEGATIVE | | | | | |
| Spectral Elements | # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/E xp | Exposures/Dit h | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | | IMAGER | F560W | FASTR1 | 12 | 40 | 1 | Dither 1 | 4 | 160 | 1796.321 | |
| | 1 | SHORT(A) | MRSLONG | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 4 | 8 | 2197.873 | |
| | 1 | SHORT(A) | MRSSHORT | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 4 | 8 | 2197.873 | |
| | 2 | | IMAGER | F770W | FASTR1 | 12 | 40 | 1 | Dither 1 | 4 | 160 | 1796.321 | |
| | 2 | MEDIUM(B) | MRSLONG | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 4 | 8 | 2197.873 | |
| | 2 | MEDIUM(B) | MRSSHORT | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 4 | 8 | 2197.873 | |
| | 3 | | IMAGER | F1500W | FASTR1 | 12 | 40 | 1 | Dither 1 | 4 | 160 | 1796.321 | |
| | 3 | LONG(C) | MRSLONG | | SLOWR1 | 11 | 4 | 1 | Dither 1 | 4 | 16 | 4491.305 | |
| | 3 | LONG(C) | MRSSHORT | | SLOWR1 | 11 | 4 | 1 | Dither 1 | 4 | 16 | 4491.305 | |

Proposal 3368 - Observation 28 - A JWST Survey of Ultraluminous Infrared Galaxies

Special Requirements

Group Observations 28, 29, 53, Non-interruptible

Proposal 3368 - Observation 53 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | | | | |
|--------------------------|---|------------------|--|--------|----------------------|---|-------------------|-----------------|---------------|-------------------------|--------------------|---------------------|------------------|
| Observation | Proposal 3368, Observation 53: IR14348-SW-MIRI Diagnostic Status: Warning Observing Template: MIRI Medium Resolution Spectroscopy | | | | | | | | | | | | |
| | (IR14348-SW-MIRI (Obs 53)) Warning (Form): Imager Filter overlap. (Visit 53:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | Targ. Coord. Corrections | | | Miscellaneous | | | | |
| | (35) | IR14348-SW | RA: 14 37 38.2824 (219.4095100d) Dec: -15 00 24.35 (-15.00676d) Equinox: J2000 | | | Comments: Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | | | | |
| Acquisition | # | Target | | | | | | | | | | | |
| | 1 | NONE | | | | | | | | | | | |
| Template | AcqFilter | Primary Channel | | | Simultaneous Imaging | | | Imager Subarray | | Grating Wheel Direction | | | |
| | F560W | All MRS | | | YES | | | BRIGHTSKY | | NEUTRAL | | | |
| Dithers | # | Dither Type | | | Optimized For | | | Direction | | | | | |
| | 1 | 4-Point | | | EXTENDED SOURCE | | | NEGATIVE | | | | | |
| Spectral Elements | # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/E xp | Exposures/Dit h | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | | IMAGER | F560W | FASTR1 | 12 | 40 | 1 | Dither 1 | 4 | 160 | 1796.321 | |
| | 1 | SHORT(A) | MRSLONG | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 4 | 8 | 2197.873 | |
| | 1 | SHORT(A) | MRSSHORT | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 4 | 8 | 2197.873 | |
| | 2 | | IMAGER | F770W | FASTR1 | 12 | 40 | 1 | Dither 1 | 4 | 160 | 1796.321 | |
| | 2 | MEDIUM(B) | MRSLONG | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 4 | 8 | 2197.873 | |
| | 2 | MEDIUM(B) | MRSSHORT | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 4 | 8 | 2197.873 | |
| | 3 | | IMAGER | F1500W | FASTR1 | 12 | 40 | 1 | Dither 1 | 4 | 160 | 1796.321 | |
| | 3 | LONG(C) | MRSLONG | | SLOWR1 | 11 | 4 | 1 | Dither 1 | 4 | 16 | 4491.305 | |
| | 3 | LONG(C) | MRSSHORT | | SLOWR1 | 11 | 4 | 1 | Dither 1 | 4 | 16 | 4491.305 | |

Proposal 3368 - Observation 53 - A JWST Survey of Ultraluminous Infrared Galaxies

Special Requirements

Group Observations 28, 29, 53, Non-interruptible

Proposal 3368 - Observation 29 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | | | | |
|--|---|-------------------------|--|---------------|-----------------------------|---------------------------------|--------------------------|------------------------|----------------------|--------------------------------|---------------------------|----------------------------|-------------------------|
| Observation | Proposal 3368, Observation 29: IR14348-BG MIRI Diagnostic Status: Warning Observing Template: MIRI Medium Resolution Spectroscopy | | | | | | | | | | | | |
| | (IR14348-BG MIRI (Obs 29)) Warning (Form): Imager Filter overlap. (Visit 29:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | Targ. Coord. Corrections | | | Miscellaneous | | | | |
| | (19) | IR14348-NE | RA: 14 37 38.4015 (219.4100063d) Dec: -15 00 21.29 (-15.00591d) Equinox: J2000 | | | | | | | | | | |
| <i>Comments:</i> Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | | | | | | | | | | |
| Acquisition | # | Target | | | | | | | | | | | |
| | 1 | NONE | | | | | | | | | | | |
| Template | AcqFilter | Primary Channel | | | Simultaneous Imaging | | | Imager Subarray | | Grating Wheel Direction | | | |
| | F560W | All MRS | | | YES | | | BRIGHTSKY | | NEUTRAL | | | |
| Dithers | # | Dither Type | | | Optimized For | | | Direction | | | | | |
| | 1 | 2-Point | | | EXTENDED SOURCE | | | NEGATIVE | | | | | |
| Spectral Elements | # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/E xp | Exposures/Dit h | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | | IMAGER | F560W | FASTR1 | 12 | 40 | 1 | Dither 1 | 2 | 80 | 898.161 | |
| | 1 | SHORT(A) | MRSLONG | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 2 | 4 | 1098.936 | |
| | 1 | SHORT(A) | MRSSHORT | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 2 | 4 | 1098.936 | |
| | 2 | | IMAGER | F770W | FASTR1 | 12 | 40 | 1 | Dither 1 | 2 | 80 | 898.161 | |
| | 2 | MEDIUM(B) | MRSLONG | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 2 | 4 | 1098.936 | |
| | 2 | MEDIUM(B) | MRSSHORT | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 2 | 4 | 1098.936 | |
| | 3 | | IMAGER | F1500W | FASTR1 | 12 | 40 | 1 | Dither 1 | 2 | 80 | 898.161 | |
| | 3 | LONG(C) | MRSLONG | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 2 | 4 | 1098.936 | |
| | 3 | LONG(C) | MRSSHORT | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 2 | 4 | 1098.936 | |

Proposal 3368 - Observation 29 - A JWST Survey of Ultraluminous Infrared Galaxies

Special Requirements

Aperture PA Range 0 to 180 Degrees (V3 0.0 to 180.0)
Aperture PA Range 200 to 359 Degrees (V3 200.0 to 359.0)
Offset -45.0 arcsec, -75.0 arcsec

Group Observations 28, 29, 53, Non-interruptible

Proposal 3368 - Observation 123 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | | | |
|--------------------------|---|-----------------------|--|-------------------|-------------------------|---------------------------------|---------------|-------------------------|----------------------|---------------------------|----------------------------|-------------------------|
| Observation | <p>Proposal 3368, Observation 123: IR14348-NE-NIRSpec</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec IFU Spectroscopy</p> | | | | | | | | | | | |
| Diagnostics | (Visit 123:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | Targ. Coord. Corrections | | | Miscellaneous | | | |
| | (19) | IR14348-NE | RA: 14 37 38.4015 (219.4100063d) Dec: -15 00 21.29 (-15.00591d) Equinox: J2000 | | | | | | | | | |
| | <p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Infrared galaxies, Interacting galaxies]</i> <i>Extended=YES</i></p> | | | | | | | | | | | |
| Template | TA Method | | | | | | | | | | | |
| | NONE | | | | | | | | | | | |
| Dithers | # | Dither Type | | Size | Starting Point | | | Number of Points | Points | | | |
| | 1 | CYCLING | | SMALL | 1 | | | 4 | | | | |
| Spectral Elements | # | Grating/Filter | Readout Pattern | Groups/Int | Integrations/Exp | Leakcal | Dither | Autocal | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | G395H/F290LP | NRSIRS2RAPI D | 25 | 1 | false | true | NONE | 4 | 4 | 1517.245 | |
| | 2 | G395H/F290LP | NRSIRS2RAPI D | 25 | 1 | true | false | NONE | 1 | 1 | 379.311 | |

Proposal 3368 - Observation 124 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

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|--------------------------|---|-----------------------|--|-------------------|-------------------------|---------------------------------|---------------|-------------------------|----------------------|---------------------------|----------------------------|-------------------------|
| Observation | <p>Proposal 3368, Observation 124: IR14348-SW-NIRSpec Diagnostic Status: Warning Observing Template: NIRSpec IFU Spectroscopy</p> | | | | | | | | | | | |
| Diagnostics | (Visit 124:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | Targ. Coord. Corrections | | | Miscellaneous | | | |
| | (35) | IR14348-SW | RA: 14 37 38.2824 (219.4095100d) Dec: -15 00 24.35 (-15.00676d) Equinox: J2000 | | | | | | | | | |
| | <p><i>Comments:</i> Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES</p> | | | | | | | | | | | |
| Template | TA Method | | | | | | | | | | | |
| | NONE | | | | | | | | | | | |
| Dithers | # | Dither Type | | Size | Starting Point | | | Number of Points | Points | | | |
| | 1 | CYCLING | | SMALL | 1 | | | 4 | | | | |
| Spectral Elements | # | Grating/Filter | Readout Pattern | Groups/Int | Integrations/Exp | Leakcal | Dither | Autocal | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | G395H/F290LP | NRSIRS2RAPI D | 25 | 1 | false | true | NONE | 4 | 4 | 1517.245 | |
| | 2 | G395H/F290LP | NRSIRS2RAPI D | 25 | 1 | true | false | NONE | 1 | 1 | 379.311 | |

Proposal 3368 - Observation 125 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | |
|-----------------------------|--|----------------------------|--|------------------------|---------------------------------|-------------------------|---------------------------|---------------------------|----------------------------|-------------------------|
| Observation | <p>Proposal 3368, Observation 125: IR14348-NIRCam Imaging</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRCam Imaging</p> | | | | | | | | | |
| Diagnostics | (Visit 125:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | Targ. Coord. Corrections | | | Miscellaneous | | |
| | (35) | IR14348-SW | RA: 14 37 38.2824 (219.4095100d) Dec: -15 00 24.35 (-15.00676d) Equinox: J2000 | | | | | | | |
| | <p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Infrared galaxies, Interacting galaxies]</i> <i>Extended=YES</i></p> | | | | | | | | | |
| Template | Module | | Subarray | | | Target Placement | | | | |
| | B | | FULL | | | Module Gap | | | | |
| Dithers | # | Primary Dither Type | | Primary Dithers | Subpixel Dither Type | | Dither Size | Subpixel Positions | | |
| | 1 | INTRAMODULE | | 3 | STANDARD | | | 3 | | |
| Spectral Elements | # | Short Filter | Long Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Dithers | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | F200W | F356W | RAPID | 6 | 1 | 9 | 9 | 579.786 | |
| | 2 | F150W | F277W | RAPID | 6 | 1 | 9 | 9 | 579.786 | |
| Special Requirements | Offset 30.0 arcsec, 30.0 arcsec | | | | | | | | | |

Proposal 3368 - Observation 31 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | | | | |
|---|--|------------------|---|--------|----------------------|--------------------------|------------------|----------------|-------------------------|---------------|--------------------|---------------------|------------------|
| Observation | Proposal 3368, Observation 31: IR15250-MIRI Diagnostic Status: Warning Observing Template: MIRI Medium Resolution Spectroscopy | | | | | | | | | | | | |
| | (IR15250-MIRI (Obs 31)) Warning (Form): Imager Filter overlap. (Visit 31:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | Targ. Coord. Corrections | | | Miscellaneous | | | | |
| | (21) | IR15250 | RA: 15 26 59.4000 (231.7475000d) Dec: +35 58 37.50 (35.97708d) Equinox: J2000 | | | | | | | | | | |
| Comments: Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | | | | | | | | | | |
| Acquisition | # | Target | | | | | | | | | | | |
| | 1 | NONE | | | | | | | | | | | |
| Template | AcqFilter | Primary Channel | | | Simultaneous Imaging | | Imager Subarray | | Grating Wheel Direction | | | | |
| | F560W | All MRS | | | YES | | BRIGHTSKY | | NEUTRAL | | | | |
| Dithers | # | Dither Type | | | Optimized For | | | Direction | | | | | |
| | 1 | 4-Point | | | EXTENDED SOURCE | | | NEGATIVE | | | | | |
| Spectral Elements | # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/Exp | Exposures/Dith | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | | IMAGER | F560W | FASTR1 | 7 | 30 | 1 | Dither 1 | 4 | 120 | 827.208 | |
| | 1 | SHORT(A) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | |
| | 1 | SHORT(A) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | |
| | 2 | | IMAGER | F770W | FASTR1 | 7 | 30 | 1 | Dither 1 | 4 | 120 | 827.208 | |
| | 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | |
| | 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | |
| | 3 | | IMAGER | F1500W | FASTR1 | 7 | 30 | 1 | Dither 1 | 4 | 120 | 827.208 | |
| | 3 | LONG(C) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | |
| | 3 | LONG(C) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | |

Proposal 3368 - Observation 31 - A JWST Survey of Ultraluminous Infrared Galaxies

Special Requirements

Group Observations 31, 32, Non-interruptible

Proposal 3368 - Observation 32 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | | | | |
|---|---|------------------|---|--------|----------------------|--------------------------|-------------------|-----------------|---------------|-------------------------|--------------------|---------------------|------------------|
| Observation | Proposal 3368, Observation 32: IR15250-BG MIRI Diagnostic Status: Warning Observing Template: MIRI Medium Resolution Spectroscopy | | | | | | | | | | | | |
| | (IR15250-BG MIRI (Obs 32)) Warning (Form): Imager Filter overlap. (Visit 32:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | Targ. Coord. Corrections | | | Miscellaneous | | | | |
| | (21) | IR15250 | RA: 15 26 59.4000 (231.7475000d) Dec: +35 58 37.50 (35.97708d) Equinox: J2000 | | | | | | | | | | |
| Comments: Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | | | | | | | | | | |
| Acquisition | # | Target | | | | | | | | | | | |
| | 1 | NONE | | | | | | | | | | | |
| Template | AcqFilter | Primary Channel | | | Simultaneous Imaging | | | Imager Subarray | | Grating Wheel Direction | | | |
| | F560W | All MRS | | | YES | | | BRIGHTSKY | | NEUTRAL | | | |
| Dithers | # | Dither Type | | | Optimized For | | | Direction | | | | | |
| | 1 | 2-Point | | | EXTENDED SOURCE | | | NEGATIVE | | | | | |
| Spectral Elements | # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/E xp | Exposures/Dit h | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | | IMAGER | F560W | FASTR1 | 7 | 30 | 1 | Dither 1 | 2 | 60 | 413.604 | |
| | 1 | SHORT(A) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | |
| | 1 | SHORT(A) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | |
| | 2 | | IMAGER | F770W | FASTR1 | 7 | 30 | 1 | Dither 1 | 2 | 60 | 413.604 | |
| | 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | |
| | 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | |
| | 3 | | IMAGER | F1500W | FASTR1 | 7 | 30 | 1 | Dither 1 | 2 | 60 | 413.604 | |
| | 3 | LONG(C) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | |
| | 3 | LONG(C) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | |

Proposal 3368 - Observation 32 - A JWST Survey of Ultraluminous Infrared Galaxies

Special Requirements

Aperture PA Range 0 to 223 Degrees (V3 0.0 to 223.0)
Aperture PA Range 246 to 309 Degrees (V3 246.0 to 309.0)
Offset -45.0 arcsec, -75.0 arcsec

Group Observations 31, 32, Non-interruptible

Proposal 3368 - Observation 126 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | | | |
|--------------------------|---|-----------------------|---|-------------------|--------------------------|---------------------------------|-------------------------|----------------|----------------------|---------------------------|----------------------------|-------------------------|
| Observation | <p>Proposal 3368, Observation 126: IR15250-NIRSpec Diagnostic Status: Warning Observing Template: NIRSpec IFU Spectroscopy</p> | | | | | | | | | | | |
| Diagnostics | (Visit 126:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | Targ. Coord. Corrections | | | Miscellaneous | | | |
| | (21) | IR15250 | RA: 15 26 59.4000 (231.7475000d) Dec: +35 58 37.50 (35.97708d) Equinox: J2000 | | | | | | | | | |
| | <p><i>Comments:</i> Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES</p> | | | | | | | | | | | |
| Template | TA Method | | | | | | | | | | | |
| | NONE | | | | | | | | | | | |
| Dithers | # | Dither Type | | Size | Starting Point | | Number of Points | | Points | | | |
| | 1 | CYCLING | | SMALL | 1 | | 4 | | | | | |
| Spectral Elements | # | Grating/Filter | Readout Pattern | Groups/Int | Integrations/Ex p | Leakcal | Dither | Autocal | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | G395H/F290LP | NRSIRS2RAPI D | 15 | 1 | false | true | NONE | 4 | 4 | 933.689 | |
| | 2 | G395H/F290LP | NRSIRS2RAPI D | 15 | 1 | true | false | NONE | 1 | 1 | 233.422 | |

Proposal 3368 - Observation 127 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | |
|-----------------------------|---|----------------------------|---|------------------------|-------------------|---------------------------------|---------------------------|----------------------|----------------------------|---------------------------|
| Observation | <p>Proposal 3368, Observation 127: IR15250-NIRCam Imaging</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRCam Imaging</p> | | | | | | | | | |
| Diagnostics | (Visit 127:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | Targ. Coord. Corrections | | | Miscellaneous | |
| | (21) | IR15250 | RA: 15 26 59.4000 (231.7475000d) Dec: +35 58 37.50 (35.97708d) Equinox: J2000 | | | | | | | |
| | <p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Infrared galaxies, Interacting galaxies]</i> <i>Extended=YES</i></p> | | | | | | | | | |
| Template | Module | | Subarray | | | | Target Placement | | | |
| | B | | FULL | | | | Module Gap | | | |
| Dithers | # | Primary Dither Type | | Primary Dithers | | Subpixel Dither Type | | Dither Size | | Subpixel Positions |
| | 1 | INTRAMODULE | | 3 | | STANDARD | | | | 3 |
| Spectral Elements | # | Short Filter | Long Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Dithers | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | F200W | F356W | RAPID | 6 | 1 | 9 | 9 | 579.786 | |
| | 2 | F150W | F277W | RAPID | 6 | 1 | 9 | 9 | 579.786 | |
| Special Requirements | Offset 30.0 arcsec, 30.0 arcsec | | | | | | | | | |

Proposal 3368 - Observation 34 - A JWST Survey of Ultraluminous Infrared Galaxies

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|--|--|-------------------------|---|---------------|-----------------------------|----------------------|---------------------------------|------------------------|---------------|--------------------------------|---------------------------|----------------------------|-------------------------|
| Observation | Proposal 3368, Observation 34: IR19297-MIRI Diagnostic Status: Warning Observing Template: MIRI Medium Resolution Spectroscopy | | | | | | | | | | | | |
| | (IR19297-MIRI (Obs 34)) Warning (Form): Imager Filter overlap. (Visit 34:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | | Targ. Coord. Corrections | | | Miscellaneous | | | |
| | (23) | IR19297 | RA: 19 32 21.2500 (293.0885417d) Dec: -03 59 56.30 (-3.99897d) Equinox: J2000 | | | | | | | | | | |
| <i>Comments:</i> Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | | | | | | | | | | |
| Acquisition | # | Target | | | | | | | | | | | |
| | 1 | NONE | | | | | | | | | | | |
| Template | AcqFilter | Primary Channel | | | Simultaneous Imaging | | | Imager Subarray | | Grating Wheel Direction | | | |
| | F560W | All MRS | | | YES | | | BRIGHTSKY | | NEUTRAL | | | |
| Dithers | # | Dither Type | | | | Optimized For | | | | Direction | | | |
| | 1 | 4-Point | | | | EXTENDED SOURCE | | | | NEGATIVE | | | |
| Spectral Elements | # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/E xp | Exposures/Dit h | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | | IMAGER | F1500W | FASTR1 | 12 | 40 | 1 | Dither 1 | 4 | 160 | 1796.321 | |
| | 1 | LONG(C) | MRSLONG | | SLOWR1 | 11 | 4 | 1 | Dither 1 | 4 | 16 | 4491.305 | |
| | 1 | LONG(C) | MRSSHORT | | SLOWR1 | 11 | 4 | 1 | Dither 1 | 4 | 16 | 4491.305 | |
| | 2 | | IMAGER | F770W | FASTR1 | 12 | 40 | 1 | Dither 1 | 4 | 160 | 1796.321 | |
| | 2 | MEDIUM(B) | MRSLONG | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 4 | 8 | 2197.873 | |
| | 2 | MEDIUM(B) | MRSSHORT | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 4 | 8 | 2197.873 | |
| | 3 | | IMAGER | F560W | FASTR1 | 12 | 40 | 1 | Dither 1 | 4 | 160 | 1796.321 | |
| | 3 | SHORT(A) | MRSLONG | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 4 | 8 | 2197.873 | |
| | 3 | SHORT(A) | MRSSHORT | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 4 | 8 | 2197.873 | |

Proposal 3368 - Observation 34 - A JWST Survey of Ultraluminous Infrared Galaxies

Special Requirements

Group Observations 34, 35, Non-interruptible

Proposal 3368 - Observation 35 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | | | | |
|--------------------------|---|------------------|---|--------|----------------------|---|-------------------|-----------------|---------------|-------------------------|--------------------|---------------------|------------------|
| Observation | Proposal 3368, Observation 35: IR19297-BG MIRI Diagnostic Status: Warning Observing Template: MIRI Medium Resolution Spectroscopy | | | | | | | | | | | | |
| | (IR19297-BG MIRI (Obs 35)) Warning (Form): Imager Filter overlap. (Visit 35:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | Targ. Coord. Corrections | | | Miscellaneous | | | | |
| | (23) | IR19297 | RA: 19 32 21.2500 (293.0885417d) Dec: -03 59 56.30 (-3.99897d) Equinox: J2000 | | | Comments: Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | | | | |
| Acquisition | # | Target | | | | | | | | | | | |
| | 1 | NONE | | | | | | | | | | | |
| Template | AcqFilter | Primary Channel | | | Simultaneous Imaging | | | Imager Subarray | | Grating Wheel Direction | | | |
| | F560W | All MRS | | | YES | | | BRIGHTSKY | | NEUTRAL | | | |
| Dithers | # | Dither Type | | | Optimized For | | | Direction | | | | | |
| | 1 | 2-Point | | | EXTENDED SOURCE | | | NEGATIVE | | | | | |
| Spectral Elements | # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/E xp | Exposures/Dit h | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | | IMAGER | F1500W | FASTR1 | 12 | 40 | 1 | Dither 1 | 2 | 80 | 898.161 | |
| | 1 | LONG(C) | MRSLONG | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 2 | 4 | 1098.936 | |
| | 1 | LONG(C) | MRSSHORT | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 2 | 4 | 1098.936 | |
| | 2 | | IMAGER | F770W | FASTR1 | 12 | 40 | 1 | Dither 1 | 2 | 80 | 898.161 | |
| | 2 | MEDIUM(B) | MRSLONG | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 2 | 4 | 1098.936 | |
| | 2 | MEDIUM(B) | MRSSHORT | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 2 | 4 | 1098.936 | |
| | 3 | | IMAGER | F560W | FASTR1 | 12 | 40 | 1 | Dither 1 | 2 | 80 | 898.161 | |
| | 3 | SHORT(A) | MRSLONG | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 2 | 4 | 1098.936 | |
| | 3 | SHORT(A) | MRSSHORT | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 2 | 4 | 1098.936 | |

Proposal 3368 - Observation 35 - A JWST Survey of Ultraluminous Infrared Galaxies

Special Requirements

Aperture PA Range 20.0 to 102.0 Degrees (V3 20.0 to 102.0)
Aperture PA Range 185 to 217 Degrees (V3 185.0 to 217.0)
Aperture PA Range 306 to 315 Degrees (V3 306.0 to 315.0)
Aperture PA Range 330 to 352 Degrees (V3 330.0 to 352.0)
Offset -45.0 arcsec, -75.0 arcsec

Group Observations 34, 35, Non-interruptible

Proposal 3368 - Observation 128 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

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|--------------------------|---|-----------------------|--|-------------------|-------------------------|---------------------------------|---------------|-------------------------|----------------------|---------------------------|----------------------------|-------------------------|
| Observation | <p>Proposal 3368, Observation 128: IRAS19297-NIRSpec Diagnostic Status: Warning Observing Template: NIRSpec IFU Spectroscopy</p> | | | | | | | | | | | |
| Diagnostics | (Visit 128:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | Targ. Coord. Corrections | | | Miscellaneous | | | |
| | (36) | IRAS19297 | RA: 19 32 22.3110 (293.0929625d) Dec: -04 00 0.97 (-4.00027d) Equinox: J2000 | | | | | | | | | |
| | <p><i>Comments:</i> Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES</p> | | | | | | | | | | | |
| Template | TA Method | | | | | | | | | | | |
| | NONE | | | | | | | | | | | |
| Dithers | # | Dither Type | | Size | Starting Point | | | Number of Points | Points | | | |
| | 1 | CYCLING | | SMALL | 1 | | | 4 | | | | |
| Spectral Elements | # | Grating/Filter | Readout Pattern | Groups/Int | Integrations/Exp | Leakcal | Dither | Autocal | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | G395H/F290LP | NRSIRS2RAPI D | 25 | 1 | false | true | NONE | 4 | 4 | 1517.245 | |
| | 2 | G395H/F290LP | NRSIRS2RAPI D | 25 | 1 | true | false | NONE | 1 | 1 | 379.311 | |

Proposal 3368 - Observation 129 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | |
|-----------------------------|--|----------------------------|----------------------------------|------------------------|---------------------------------|-------------------------|---------------------------|---------------------------|----------------------------|-------------------------|
| Observation | <p>Proposal 3368, Observation 129: IRAS19297-NIRCam Imaging</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRCam Imaging</p> | | | | | | | | | |
| Diagnostics | (Visit 129:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | Targ. Coord. Corrections | | | Miscellaneous | | |
| | (36) | IRAS19297 | RA: 19 32 22.3110 (293.0929625d) | | | | | | | |
| | | | Dec: -04 00 0.97 (-4.00027d) | | | | | | | |
| | | | Equinox: J2000 | | | | | | | |
| | <p><i>Comments:</i></p> <p><i>Category=Galaxy</i></p> <p><i>Description=[Infrared galaxies, Interacting galaxies]</i></p> <p><i>Extended=YES</i></p> | | | | | | | | | |
| Template | Module | | Subarray | | | Target Placement | | | | |
| | B | | FULL | | | Module Gap | | | | |
| Dithers | # | Primary Dither Type | | Primary Dithers | Subpixel Dither Type | | Dither Size | Subpixel Positions | | |
| | 1 | INTRAMODULE | | 3 | STANDARD | | | 3 | | |
| Spectral Elements | # | Short Filter | Long Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Dithers | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | F200W | F356W | RAPID | 6 | 1 | 9 | 9 | 579.786 | |
| | 2 | F150W | F277W | RAPID | 6 | 1 | 9 | 9 | 579.786 | |
| Special Requirements | Offset 35.0 arcsec, 35.0 arcsec | | | | | | | | | |

Proposal 3368 - Observation 37 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | | | | |
|--------------------------|--|------------------|--|--------|----------------------|---|-------------------|-----------------|---------------|-------------------------|--------------------|---------------------|------------------|
| Observation | Proposal 3368, Observation 37: IR19542-MIRI Diagnostic Status: Warning Observing Template: MIRI Medium Resolution Spectroscopy | | | | | | | | | | | | |
| | (IR19542-MIRI (Obs 37)) Warning (Form): Imager Filter overlap. (Visit 37:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | Targ. Coord. Corrections | | | Miscellaneous | | | | |
| | (25) | IR19542 | RA: 19 56 35.7800 (299.1490833d) Dec: +11 19 4.40 (11.31789d) Equinox: J2000 | | | Comments: Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | | | | |
| Acquisition | # | Target | | | | | | | | | | | |
| | 1 | NONE | | | | | | | | | | | |
| Template | AcqFilter | Primary Channel | | | Simultaneous Imaging | | | Imager Subarray | | Grating Wheel Direction | | | |
| | F560W | All MRS | | | YES | | | BRIGHTSKY | | NEUTRAL | | | |
| Dithers | # | Dither Type | | | Optimized For | | | Direction | | | | | |
| | 1 | 4-Point | | | EXTENDED SOURCE | | | NEGATIVE | | | | | |
| Spectral Elements | # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/E xp | Exposures/Dit h | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | | IMAGER | F560W | FASTR1 | 12 | 40 | 1 | Dither 1 | 4 | 160 | 1796.321 | |
| | 1 | SHORT(A) | MRSLONG | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 4 | 8 | 2197.873 | |
| | 1 | SHORT(A) | MRSSHORT | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 4 | 8 | 2197.873 | |
| | 2 | | IMAGER | F770W | FASTR1 | 12 | 40 | 1 | Dither 1 | 4 | 160 | 1796.321 | |
| | 2 | MEDIUM(B) | MRSLONG | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 4 | 8 | 2197.873 | |
| | 2 | MEDIUM(B) | MRSSHORT | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 4 | 8 | 2197.873 | |
| | 3 | | IMAGER | F1500W | FASTR1 | 12 | 40 | 1 | Dither 1 | 4 | 160 | 1796.321 | |
| | 3 | LONG(C) | MRSLONG | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 4 | 8 | 2197.873 | |
| | 3 | LONG(C) | MRSSHORT | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 4 | 8 | 2197.873 | |

Proposal 3368 - Observation 37 - A JWST Survey of Ultraluminous Infrared Galaxies

Special Requirements

Group Observations 37, 38, Non-interruptible

Proposal 3368 - Observation 38 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | | | | |
|--------------------------|---|------------------|--|--------|----------------------|---|-------------------|-----------------|-------------------------|---------------|--------------------|---------------------|------------------|
| Observation | Proposal 3368, Observation 38: IR19542-BG MIRI Diagnostic Status: Warning Observing Template: MIRI Medium Resolution Spectroscopy | | | | | | | | | | | | |
| | (IR19542-BG MIRI (Obs 38)) Warning (Form): Imager Filter overlap. (Visit 38:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | Targ. Coord. Corrections | | | Miscellaneous | | | | |
| | (25) | IR19542 | RA: 19 56 35.7800 (299.1490833d) Dec: +11 19 4.40 (11.31789d) Equinox: J2000 | | | Comments: Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | | | | |
| Acquisition | # | Target | | | | | | | | | | | |
| | 1 | NONE | | | | | | | | | | | |
| Template | AcqFilter | Primary Channel | | | Simultaneous Imaging | | Imager Subarray | | Grating Wheel Direction | | | | |
| | F560W | All MRS | | | YES | | BRIGHTSKY | | NEUTRAL | | | | |
| Dithers | # | Dither Type | | | Optimized For | | | Direction | | | | | |
| | 1 | 2-Point | | | EXTENDED SOURCE | | | NEGATIVE | | | | | |
| Spectral Elements | # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/E xp | Exposures/Dit h | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | | IMAGER | F560W | FASTR1 | 12 | 40 | 1 | Dither 1 | 2 | 80 | 898.161 | |
| | 1 | SHORT(A) | MRSLONG | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 2 | 4 | 1098.936 | |
| | 1 | SHORT(A) | MRSSHORT | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 2 | 4 | 1098.936 | |
| | 2 | | IMAGER | F770W | FASTR1 | 12 | 40 | 1 | Dither 1 | 2 | 80 | 898.161 | |
| | 2 | MEDIUM(B) | MRSLONG | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 2 | 4 | 1098.936 | |
| | 2 | MEDIUM(B) | MRSSHORT | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 2 | 4 | 1098.936 | |
| | 3 | | IMAGER | F1500W | FASTR1 | 12 | 40 | 1 | Dither 1 | 2 | 80 | 898.161 | |
| | 3 | LONG(C) | MRSLONG | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 2 | 4 | 1098.936 | |
| | 3 | LONG(C) | MRSSHORT | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 2 | 4 | 1098.936 | |

Proposal 3368 - Observation 38 - A JWST Survey of Ultraluminous Infrared Galaxies

Special Requirements

Aperture PA Range 81 to 122 Degrees (V3 81.0 to 122.0)
Aperture PA Range 172 to 191 Degrees (V3 172.0 to 191.0)
Aperture PA Range 306 to 317 Degrees (V3 306.0 to 317.0)
Offset -45.0 arcsec, -75.0 arcsec

Group Observations 37, 38, Non-interruptible

Proposal 3368 - Observation 130 - A JWST Survey of Ultraluminous Infrared Galaxies

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| | | | | | | | | | | | | |
|--------------------------|---|-----------------------|--|-------------------|-------------------------|---------------------------------|---------------|-------------------------|----------------------|---------------------------|----------------------------|-------------------------|
| Observation | <p>Proposal 3368, Observation 130: IR19542-NIRSpec Diagnostic Status: Warning Observing Template: NIRSpec IFU Spectroscopy</p> | | | | | | | | | | | |
| Diagnostics | (Visit 130:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | Targ. Coord. Corrections | | | Miscellaneous | | | |
| | (25) | IR19542 | RA: 19 56 35.7800 (299.1490833d) Dec: +11 19 4.40 (11.31789d) Equinox: J2000 | | | | | | | | | |
| | <p><i>Comments:</i> Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES</p> | | | | | | | | | | | |
| Template | TA Method | | | | | | | | | | | |
| | NONE | | | | | | | | | | | |
| Dithers | # | Dither Type | | Size | Starting Point | | | Number of Points | Points | | | |
| | 1 | CYCLING | | SMALL | 1 | | | 4 | | | | |
| Spectral Elements | # | Grating/Filter | Readout Pattern | Groups/Int | Integrations/Exp | Leakcal | Dither | Autocal | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | G395H/F290LP | NRSIRS2RAPI D | 25 | 1 | false | true | NONE | 4 | 4 | 1517.245 | |
| | 2 | G395H/F290LP | NRSIRS2RAPI D | 25 | 1 | true | false | NONE | 1 | 1 | 379.311 | |

Proposal 3368 - Observation 131 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | |
|-----------------------------|---|----------------------------|--|------------------------|-------------------|---------------------------------|---------------------------|----------------------|----------------------------|---------------------------|
| Observation | <p>Proposal 3368, Observation 131: IR19542-NIRCam Imaging</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRCam Imaging</p> | | | | | | | | | |
| Diagnostics | (Visit 131:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | Targ. Coord. Corrections | | Miscellaneous | | |
| | (25) | IR19542 | RA: 19 56 35.7800 (299.1490833d) Dec: +11 19 4.40 (11.31789d) Equinox: J2000 | | | | | | | |
| | <p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Infrared galaxies, Interacting galaxies]</i> <i>Extended=YES</i></p> | | | | | | | | | |
| Template | Module | | Subarray | | | Target Placement | | | | |
| | B | | FULL | | | Module Gap | | | | |
| Dithers | # | Primary Dither Type | | Primary Dithers | | Subpixel Dither Type | | Dither Size | | Subpixel Positions |
| | 1 | INTRAMODULE | | 3 | | STANDARD | | | | 3 |
| Spectral Elements | # | Short Filter | Long Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Dithers | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | F200W | F356W | RAPID | 6 | 1 | 9 | 9 | 579.786 | |
| | 2 | F150W | F277W | RAPID | 6 | 1 | 9 | 9 | 579.786 | |
| Special Requirements | Offset 35.0 arcsec, 35.0 arcsec | | | | | | | | | |

Proposal 3368 - Observation 40 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| Observation | Proposal 3368, Observation 40: IR20551-MIRI Diagnostic Status: Warning Observing Template: MIRI Medium Resolution Spectroscopy | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|----------------------|--------------------------|-------------------------|------------|-------------------|-----------------|----------|---------------|--------------------|---------------------|------------------|------------------|----------------------|--------------------------|-------------------------|------------|-------------------|---|-----------|---------------|--------------------|---------------------|------------------|---|--|--------|-------|--------|---|----|---|----------|---|-----|---------|--|---|----------|---------|--|--------|----|---|---|----------|---|---|---------|--|---|----------|----------|--|--------|----|---|---|----------|---|---|---------|--|---|--|--------|-------|--------|---|----|---|----------|---|-----|---------|--|---|-----------|---------|--|--------|----|---|---|----------|---|---|---------|--|---|-----------|----------|--|--------|----|---|---|----------|---|---|---------|--|---|--|--------|--------|--------|---|----|---|----------|---|-----|---------|--|---|---------|---------|--|--------|----|---|---|----------|---|---|---------|--|---|---------|----------|--|--------|----|---|---|----------|---|---|---------|--|
| | (IR20551-MIRI (Obs 40)) Warning (Form): Imager Filter overlap. (Visit 40:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Diagnosics | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fixed Targets | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(27)</td> <td>IR20551</td> <td>RA: 20 58 26.7900 (314.6116250d) Dec: -42 39 0.30 (-42.65008d) Equinox: J2000</td> <td></td> <td></td> </tr> </tbody> </table> | | | | | | | | | | | | # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous | (27) | IR20551 | RA: 20 58 26.7900 (314.6116250d) Dec: -42 39 0.30 (-42.65008d) Equinox: J2000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (27) | IR20551 | RA: 20 58 26.7900 (314.6116250d) Dec: -42 39 0.30 (-42.65008d) Equinox: J2000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Comments: Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acquisition | <table border="1"> <thead> <tr> <th>#</th> <th>Target</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>NONE</td> </tr> </tbody> </table> | | | | | | | | | | | | # | Target | 1 | NONE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | # | Target | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | NONE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Template | <table border="1"> <thead> <tr> <th>AcqFilter</th> <th>Primary Channel</th> <th>Simultaneous Imaging</th> <th>Imager Subarray</th> <th>Grating Wheel Direction</th> </tr> </thead> <tbody> <tr> <td>F560W</td> <td>All MRS</td> <td>YES</td> <td>BRIGHTSKY</td> <td>NEUTRAL</td> </tr> </tbody> </table> | | | | | | | | | | | | AcqFilter | Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction | F560W | All MRS | YES | BRIGHTSKY | NEUTRAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | AcqFilter | Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F560W | All MRS | YES | BRIGHTSKY | NEUTRAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dithers | <table border="1"> <thead> <tr> <th>#</th> <th>Dither Type</th> <th>Optimized For</th> <th>Direction</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4-Point</td> <td>EXTENDED SOURCE</td> <td>NEGATIVE</td> </tr> </tbody> </table> | | | | | | | | | | | | # | Dither Type | Optimized For | Direction | 1 | 4-Point | EXTENDED SOURCE | NEGATIVE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | # | Dither Type | Optimized For | Direction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 4-Point | EXTENDED SOURCE | NEGATIVE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Spectral Elements | <table border="1"> <thead> <tr> <th>#</th> <th>Wavelength Range</th> <th>Detector</th> <th>Filter</th> <th>Readout Pattern</th> <th>Groups/Int</th> <th>Integrations/E xp</th> <th>Exposures/Dit h</th> <th>Dither</th> <th>Total Dithers</th> <th>Total Integrations</th> <th>Total Exposure Time</th> <th>ETC Wkbk.Calc ID</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td>IMAGER</td> <td>F560W</td> <td>FASTR1</td> <td>7</td> <td>30</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>120</td> <td>827.208</td> <td></td> </tr> <tr> <td>1</td> <td>SHORT(A)</td> <td>MRSLONG</td> <td></td> <td>FASTR1</td> <td>80</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>4</td> <td>888.013</td> <td></td> </tr> <tr> <td>1</td> <td>SHORT(A)</td> <td>MRSSHORT</td> <td></td> <td>FASTR1</td> <td>80</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>4</td> <td>888.013</td> <td></td> </tr> <tr> <td>2</td> <td></td> <td>IMAGER</td> <td>F770W</td> <td>FASTR1</td> <td>7</td> <td>30</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>120</td> <td>827.208</td> <td></td> </tr> <tr> <td>2</td> <td>MEDIUM(B)</td> <td>MRSLONG</td> <td></td> <td>FASTR1</td> <td>80</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>4</td> <td>888.013</td> <td></td> </tr> <tr> <td>2</td> <td>MEDIUM(B)</td> <td>MRSSHORT</td> <td></td> <td>FASTR1</td> <td>80</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>4</td> <td>888.013</td> <td></td> </tr> <tr> <td>3</td> <td></td> <td>IMAGER</td> <td>F1500W</td> <td>FASTR1</td> <td>7</td> <td>30</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>120</td> <td>827.208</td> <td></td> </tr> <tr> <td>3</td> <td>LONG(C)</td> <td>MRSLONG</td> <td></td> <td>FASTR1</td> <td>80</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>4</td> <td>888.013</td> <td></td> </tr> <tr> <td>3</td> <td>LONG(C)</td> <td>MRSSHORT</td> <td></td> <td>FASTR1</td> <td>80</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>4</td> <td>888.013</td> <td></td> </tr> </tbody> </table> | | | | | | | | | | | | # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/E xp | Exposures/Dit h | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID | 1 | | IMAGER | F560W | FASTR1 | 7 | 30 | 1 | Dither 1 | 4 | 120 | 827.208 | | 1 | SHORT(A) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | 1 | SHORT(A) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | 2 | | IMAGER | F770W | FASTR1 | 7 | 30 | 1 | Dither 1 | 4 | 120 | 827.208 | | 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | 3 | | IMAGER | F1500W | FASTR1 | 7 | 30 | 1 | Dither 1 | 4 | 120 | 827.208 | | 3 | LONG(C) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | 3 | LONG(C) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | |
| | # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/E xp | Exposures/Dit h | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | | IMAGER | F560W | FASTR1 | 7 | 30 | 1 | Dither 1 | 4 | 120 | 827.208 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | SHORT(A) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | SHORT(A) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | | IMAGER | F770W | FASTR1 | 7 | 30 | 1 | Dither 1 | 4 | 120 | 827.208 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | | IMAGER | F1500W | FASTR1 | 7 | 30 | 1 | Dither 1 | 4 | 120 | 827.208 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | LONG(C) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | LONG(C) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Proposal 3368 - Observation 40 - A JWST Survey of Ultraluminous Infrared Galaxies

Special Requirements

Group Observations 40, 41, Non-interruptible

Proposal 3368 - Observation 41 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | | | | |
|--|---|-------------------------|---|---------------|-----------------------------|----------------------|---------------------------------|------------------------|---------------|--------------------------------|---------------------------|----------------------------|-------------------------|
| Observation | Proposal 3368, Observation 41: IR20551-BG MIRI Diagnostic Status: Warning Observing Template: MIRI Medium Resolution Spectroscopy | | | | | | | | | | | | |
| | (IR20551-BG MIRI (Obs 41)) Warning (Form): Imager Filter overlap. (Visit 41:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | | Targ. Coord. Corrections | | | Miscellaneous | | | |
| | (27) | IR20551 | RA: 20 58 26.7900 (314.6116250d) Dec: -42 39 0.30 (-42.65008d) Equinox: J2000 | | | | | | | | | | |
| <i>Comments:</i> Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | | | | | | | | | | |
| Acquisition | # | Target | | | | | | | | | | | |
| | 1 | NONE | | | | | | | | | | | |
| Template | AcqFilter | Primary Channel | | | Simultaneous Imaging | | | Imager Subarray | | Grating Wheel Direction | | | |
| | F560W | All MRS | | | YES | | | BRIGHTSKY | | NEUTRAL | | | |
| Dithers | # | Dither Type | | | | Optimized For | | | | Direction | | | |
| | 1 | 2-Point | | | | EXTENDED SOURCE | | | | NEGATIVE | | | |
| Spectral Elements | # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/E xp | Exposures/Dit h | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | | IMAGER | F560W | FASTR1 | 7 | 30 | 1 | Dither 1 | 2 | 60 | 413.604 | |
| | 1 | SHORT(A) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | |
| | 1 | SHORT(A) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | |
| | 2 | | IMAGER | F770W | FASTR1 | 7 | 30 | 1 | Dither 1 | 2 | 60 | 413.604 | |
| | 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | |
| | 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | |
| | 3 | | IMAGER | F1500W | FASTR1 | 7 | 30 | 1 | Dither 1 | 2 | 60 | 413.604 | |
| | 3 | LONG(C) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | |
| | 3 | LONG(C) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | |

Proposal 3368 - Observation 41 - A JWST Survey of Ultraluminous Infrared Galaxies

Special Requirements

Aperture PA Range 0 to 27 Degrees (V3 0.0 to 27.0)
Aperture PA Range 61 to 112 Degrees (V3 61.0 to 112.0)
Aperture PA Range 140 to 180 Degrees (V3 140.0 to 180.0)
Aperture PA Range 200 to 266 Degrees (V3 200.0 to 266.0)
Aperture PA Range 280 to 359 Degrees (V3 280.0 to 359.0)
Offset -45.0 arcsec, -75.0 arcsec

Group Observations 40, 41, Non-interruptible

Proposal 3368 - Observation 132 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | | | |
|--------------------------|--|----------------|---|------------|-------------------|--------------------------|------------------|---------|---------------|--------------------|---------------------|------------------|
| Observation | <p>Proposal 3368, Observation 132: IR20551-NIRSpec Diagnostic Status: Warning Observing Template: NIRSpec IFU Spectroscopy</p> | | | | | | | | | | | |
| Diagnostics | (Visit 132:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | Targ. Coord. Corrections | | | Miscellaneous | | | |
| | (27) | IR20551 | RA: 20 58 26.7900 (314.6116250d) Dec: -42 39 0.30 (-42.65008d) Equinox: J2000 | | | | | | | | | |
| | Comments: Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | | | | | | | | |
| Template | TA Method NONE | | | | | | | | | | | |
| Dithers | # | Dither Type | | Size | Starting Point | | Number of Points | | Points | | | |
| | 1 | CYCLING | | SMALL | 1 | | 4 | | | | | |
| Spectral Elements | # | Grating/Filter | Readout Pattern | Groups/Int | Integrations/Ex p | Leakcal | Dither | Autocal | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | G395H/F290LP | NRSIRS2RAPI D | 15 | 1 | false | true | NONE | 4 | 4 | 933.689 | |
| | 2 | G395H/F290LP | NRSIRS2RAPI D | 15 | 1 | true | false | NONE | 1 | 1 | 233.422 | |

Proposal 3368 - Observation 133 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | |
|-----------------------------|--|----------------------------|---|------------------------|---------------------------------|-------------------------|---------------------------|---------------------------|----------------------------|-------------------------|
| Observation | <p>Proposal 3368, Observation 133: IR20551-NIRCam Imaging</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRCam Imaging</p> | | | | | | | | | |
| Diagnostics | (Visit 133:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | Targ. Coord. Corrections | | | Miscellaneous | | |
| | (27) | IR20551 | RA: 20 58 26.7900 (314.6116250d) Dec: -42 39 0.30 (-42.65008d) Equinox: J2000 | | | | | | | |
| | <p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Infrared galaxies, Interacting galaxies]</i> <i>Extended=YES</i></p> | | | | | | | | | |
| Template | Module | | Subarray | | | Target Placement | | | | |
| | B | | FULL | | | Module Gap | | | | |
| Dithers | # | Primary Dither Type | | Primary Dithers | Subpixel Dither Type | | Dither Size | Subpixel Positions | | |
| | 1 | INTRAMODULE | | 3 | STANDARD | | | 3 | | |
| Spectral Elements | # | Short Filter | Long Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Dithers | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | F200W | F356W | RAPID | 6 | 1 | 9 | 9 | 579.786 | |
| | 2 | F150W | F277W | RAPID | 6 | 1 | 9 | 9 | 579.786 | |
| Special Requirements | Offset 35.0 arcsec, 40.0 arcsec | | | | | | | | | |

Proposal 3368 - Observation 43 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | | | | |
|---|--|------------------|--|--------|----------------------|--------------------------|-------------------|-----------------|---------------|-------------------------|--------------------|---------------------|------------------|
| Observation | Proposal 3368, Observation 43: IR22491-MIRI Diagnostic Status: Warning Observing Template: MIRI Medium Resolution Spectroscopy | | | | | | | | | | | | |
| | (IR22491-MIRI (Obs 43)) Warning (Form): Imager Filter overlap. (Visit 43:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | Targ. Coord. Corrections | | | Miscellaneous | | | | |
| | (29) | IR22491 | RA: 22 51 49.3450 (342.9556042d) Dec: -17 52 23.98 (-17.87333d) Equinox: J2000 | | | | | | | | | | |
| Comments: Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | | | | | | | | | | |
| Acquisition | # | Target | | | | | | | | | | | |
| | 1 | NONE | | | | | | | | | | | |
| Template | AcqFilter | Primary Channel | | | Simultaneous Imaging | | | Imager Subarray | | Grating Wheel Direction | | | |
| | F560W | All MRS | | | YES | | | BRIGHTSKY | | NEUTRAL | | | |
| Dithers | # | Dither Type | | | Optimized For | | | Direction | | | | | |
| | 1 | 4-Point | | | EXTENDED SOURCE | | | NEGATIVE | | | | | |
| Spectral Elements | # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/E xp | Exposures/Dit h | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | | IMAGER | F560W | FASTR1 | 12 | 40 | 1 | Dither 1 | 4 | 160 | 1796.321 | |
| | 1 | SHORT(A) | MRSLONG | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 4 | 8 | 2197.873 | |
| | 1 | SHORT(A) | MRSSHORT | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 4 | 8 | 2197.873 | |
| | 2 | | IMAGER | F770W | FASTR1 | 12 | 40 | 1 | Dither 1 | 4 | 160 | 1796.321 | |
| | 2 | MEDIUM(B) | MRSLONG | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 4 | 8 | 2197.873 | |
| | 2 | MEDIUM(B) | MRSSHORT | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 4 | 8 | 2197.873 | |
| | 3 | | IMAGER | F1500W | FASTR1 | 12 | 40 | 1 | Dither 1 | 4 | 160 | 1796.321 | |
| | 3 | LONG(C) | MRSLONG | | SLOWR1 | 11 | 4 | 1 | Dither 1 | 4 | 16 | 4491.305 | |
| | 3 | LONG(C) | MRSSHORT | | SLOWR1 | 11 | 4 | 1 | Dither 1 | 4 | 16 | 4491.305 | |

Proposal 3368 - Observation 43 - A JWST Survey of Ultraluminous Infrared Galaxies

Special Requirements

Group Observations 43, 44, Non-interruptible

Proposal 3368 - Observation 44 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | | | | |
|--|---|-------------------------|--|---------------|-----------------------------|---------------------------------|--------------------------|------------------------|----------------------|--------------------------------|---------------------------|----------------------------|-------------------------|
| Observation | Proposal 3368, Observation 44: IR22491-BG MIRI Diagnostic Status: Warning Observing Template: MIRI Medium Resolution Spectroscopy | | | | | | | | | | | | |
| | (IR22491-BG MIRI (Obs 44)) Warning (Form): Imager Filter overlap. (Visit 44:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | Targ. Coord. Corrections | | | Miscellaneous | | | | |
| | (29) | IR22491 | RA: 22 51 49.3450 (342.9556042d) Dec: -17 52 23.98 (-17.87333d) Equinox: J2000 | | | | | | | | | | |
| <i>Comments:</i> Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | | | | | | | | | | |
| Acquisition | # | Target | | | | | | | | | | | |
| | 1 | NONE | | | | | | | | | | | |
| Template | AcqFilter | Primary Channel | | | Simultaneous Imaging | | | Imager Subarray | | Grating Wheel Direction | | | |
| | F560W | All MRS | | | YES | | | BRIGHTSKY | | NEUTRAL | | | |
| Dithers | # | Dither Type | | | Optimized For | | | Direction | | | | | |
| | 1 | 2-Point | | | EXTENDED SOURCE | | | NEGATIVE | | | | | |
| Spectral Elements | # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/E xp | Exposures/Dit h | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | | IMAGER | F560W | FASTR1 | 12 | 40 | 1 | Dither 1 | 2 | 80 | 898.161 | |
| | 1 | SHORT(A) | MRSLONG | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 2 | 4 | 1098.936 | |
| | 1 | SHORT(A) | MRSSHORT | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 2 | 4 | 1098.936 | |
| | 2 | | IMAGER | F770W | FASTR1 | 12 | 40 | 1 | Dither 1 | 2 | 80 | 898.161 | |
| | 2 | MEDIUM(B) | MRSLONG | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 2 | 4 | 1098.936 | |
| | 2 | MEDIUM(B) | MRSSHORT | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 2 | 4 | 1098.936 | |
| | 3 | | IMAGER | F1500W | FASTR1 | 12 | 40 | 1 | Dither 1 | 2 | 80 | 898.161 | |
| | 3 | LONG(C) | MRSLONG | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 2 | 4 | 1098.936 | |
| | 3 | LONG(C) | MRSSHORT | | SLOWR1 | 11 | 2 | 1 | Dither 1 | 2 | 4 | 1098.936 | |

Proposal 3368 - Observation 44 - A JWST Survey of Ultraluminous Infrared Galaxies

Special Requirements

Aperture PA Range 0 to 21 Degrees (V3 0.0 to 21.0)
Aperture PA Range 40 to 263 Degrees (V3 40.0 to 263.0)
Aperture PA Range 284 to 359 Degrees (V3 284.0 to 359.0)
Offset -45.0 arcsec, -75.0 arcsec

Group Observations 43, 44, Non-interruptible

Proposal 3368 - Observation 134 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | | | |
|--------------------------|--|----------------|--|------------|-------------------|--------------------------|------------------|---------|---------------|--------------------|---------------------|------------------|
| Observation | <p>Proposal 3368, Observation 134: IR22491-NIRSpec Diagnostic Status: Warning Observing Template: NIRSpec IFU Spectroscopy</p> | | | | | | | | | | | |
| Diagnostics | (Visit 134:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | Targ. Coord. Corrections | | | Miscellaneous | | | |
| | (29) | IR22491 | RA: 22 51 49.3450 (342.9556042d) Dec: -17 52 23.98 (-17.87333d) Equinox: J2000 | | | | | | | | | |
| | Comments: Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | | | | | | | | |
| Template | TA Method NONE | | | | | | | | | | | |
| Dithers | # | Dither Type | | Size | Starting Point | | Number of Points | | Points | | | |
| | 1 | CYCLING | | SMALL | 1 | | 4 | | | | | |
| Spectral Elements | # | Grating/Filter | Readout Pattern | Groups/Int | Integrations/Ex p | Leakcal | Dither | Autocal | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | G395H/F290LP | NRSIRS2RAPI D | 25 | 1 | false | true | NONE | 4 | 4 | 1517.245 | |
| | 2 | G395H/F290LP | NRSIRS2RAPI D | 25 | 1 | true | false | NONE | 1 | 1 | 379.311 | |

Proposal 3368 - Observation 135 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | |
|-----------------------------|--|----------------------------|--|------------------------|---------------------------------|-------------------------|---------------------------|---------------------------|----------------------------|-------------------------|
| Observation | <p>Proposal 3368, Observation 135: IR22491-NIRCam Imaging</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRCam Imaging</p> | | | | | | | | | |
| Diagnostics | (Visit 135:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | Targ. Coord. Corrections | | | Miscellaneous | | |
| | (29) | IR22491 | RA: 22 51 49.3450 (342.9556042d) Dec: -17 52 23.98 (-17.87333d) Equinox: J2000 | | | | | | | |
| | <p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Infrared galaxies, Interacting galaxies]</i> <i>Extended=YES</i></p> | | | | | | | | | |
| Template | Module | | Subarray | | | Target Placement | | | | |
| | B | | FULL | | | Module Gap | | | | |
| Dithers | # | Primary Dither Type | | Primary Dithers | Subpixel Dither Type | | Dither Size | Subpixel Positions | | |
| | 1 | INTRAMODULE | | 3 | STANDARD | | | 1 | | |
| Spectral Elements | # | Short Filter | Long Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Dithers | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | F200W | F356W | RAPID | 6 | 1 | 3 | 3 | 193.262 | |
| | 2 | F150W | F277W | RAPID | 6 | 1 | 3 | 3 | 193.262 | |
| Special Requirements | Offset 35.0 arcsec, 35.0 arcsec | | | | | | | | | |

Proposal 3368 - Observation 46 - A JWST Survey of Ultraluminous Infrared Galaxies

| Observation | Proposal 3368, Observation 46: IR23128-MIRI Tue Jan 30 18:00:46 GMT 2024 Diagnostic Status: Warning Observing Template: MIRI Medium Resolution Spectroscopy | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|----------------------|--------------------------|-------------------------|------------|-------------------|-----------------|----------|---------------|--------------------|---------------------|------------------|------------------|----------------------|--------------------------|-------------------------|------------|-------------------|--|-----------|---------------|--------------------|---------------------|------------------|---|--|--------|--------|--------|---|----|---|----------|---|----|---------|--|---|---------|---------|--|--------|----|---|---|----------|---|---|---------|--|---|---------|----------|--|--------|----|---|---|----------|---|---|---------|--|---|--|--------|-------|--------|---|----|---|----------|---|----|---------|--|---|-----------|---------|--|--------|----|---|---|----------|---|---|---------|--|---|-----------|----------|--|--------|----|---|---|----------|---|---|---------|--|---|--|--------|-------|--------|---|----|---|----------|---|----|---------|--|---|----------|---------|--|--------|----|---|---|----------|---|---|---------|--|---|----------|----------|--|--------|----|---|---|----------|---|---|---------|--|
| | (IR23128-MIRI (Obs 46)) Warning (Form): Imager Filter overlap. (Visit 46:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fixed Targets | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(31)</td> <td>IR23128-N</td> <td>RA: 23 15 46.7200 (348.9446667d) Dec: -59 03 11.10 (-59.05308d) Equinox: J2000</td> <td></td> <td></td> </tr> </tbody> </table> Comments: Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | | | | | | | | | # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous | (31) | IR23128-N | RA: 23 15 46.7200 (348.9446667d) Dec: -59 03 11.10 (-59.05308d) Equinox: J2000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | # | Name | Target Coordinates | Targ. Coord. Corrections | Miscellaneous | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (31) | IR23128-N | RA: 23 15 46.7200 (348.9446667d) Dec: -59 03 11.10 (-59.05308d) Equinox: J2000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>#</th> <th>Target</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>NONE</td> </tr> </tbody> </table> | | | | | | | | | | | | # | Target | 1 | NONE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| # | Target | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | NONE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Template | <table border="1"> <thead> <tr> <th>AcqFilter</th> <th>Primary Channel</th> <th>Simultaneous Imaging</th> <th>Imager Subarray</th> <th>Grating Wheel Direction</th> </tr> </thead> <tbody> <tr> <td>F560W</td> <td>All MRS</td> <td>YES</td> <td>BRIGHTSKY</td> <td>NEUTRAL</td> </tr> </tbody> </table> | | | | | | | | | | | | AcqFilter | Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction | F560W | All MRS | YES | BRIGHTSKY | NEUTRAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | AcqFilter | Primary Channel | Simultaneous Imaging | Imager Subarray | Grating Wheel Direction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F560W | All MRS | YES | BRIGHTSKY | NEUTRAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dithers | <table border="1"> <thead> <tr> <th>#</th> <th>Dither Type</th> <th>Optimized For</th> <th>Direction</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4-Point</td> <td>EXTENDED SOURCE</td> <td>NEGATIVE</td> </tr> </tbody> </table> | | | | | | | | | | | | # | Dither Type | Optimized For | Direction | 1 | 4-Point | EXTENDED SOURCE | NEGATIVE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | # | Dither Type | Optimized For | Direction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 4-Point | EXTENDED SOURCE | NEGATIVE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spectral Elements | <table border="1"> <thead> <tr> <th>#</th> <th>Wavelength Range</th> <th>Detector</th> <th>Filter</th> <th>Readout Pattern</th> <th>Groups/Int</th> <th>Integrations/E xp</th> <th>Exposures/Dit h</th> <th>Dither</th> <th>Total Dithers</th> <th>Total Integrations</th> <th>Total Exposure Time</th> <th>ETC Wkbk.Calc ID</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td>IMAGER</td> <td>F1500W</td> <td>FASTR1</td> <td>7</td> <td>20</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>80</td> <td>550.318</td> <td></td> </tr> <tr> <td>1</td> <td>LONG(C)</td> <td>MRSLONG</td> <td></td> <td>FASTR1</td> <td>80</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>4</td> <td>888.013</td> <td></td> </tr> <tr> <td>1</td> <td>LONG(C)</td> <td>MRSSHORT</td> <td></td> <td>FASTR1</td> <td>80</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>4</td> <td>888.013</td> <td></td> </tr> <tr> <td>2</td> <td></td> <td>IMAGER</td> <td>F770W</td> <td>FASTR1</td> <td>7</td> <td>20</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>80</td> <td>550.318</td> <td></td> </tr> <tr> <td>2</td> <td>MEDIUM(B)</td> <td>MRSLONG</td> <td></td> <td>FASTR1</td> <td>80</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>4</td> <td>888.013</td> <td></td> </tr> <tr> <td>2</td> <td>MEDIUM(B)</td> <td>MRSSHORT</td> <td></td> <td>FASTR1</td> <td>80</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>4</td> <td>888.013</td> <td></td> </tr> <tr> <td>3</td> <td></td> <td>IMAGER</td> <td>F560W</td> <td>FASTR1</td> <td>7</td> <td>20</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>80</td> <td>550.318</td> <td></td> </tr> <tr> <td>3</td> <td>SHORT(A)</td> <td>MRSLONG</td> <td></td> <td>FASTR1</td> <td>80</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>4</td> <td>888.013</td> <td></td> </tr> <tr> <td>3</td> <td>SHORT(A)</td> <td>MRSSHORT</td> <td></td> <td>FASTR1</td> <td>80</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>4</td> <td>4</td> <td>888.013</td> <td></td> </tr> </tbody> </table> | | | | | | | | | | | | # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/E xp | Exposures/Dit h | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID | 1 | | IMAGER | F1500W | FASTR1 | 7 | 20 | 1 | Dither 1 | 4 | 80 | 550.318 | | 1 | LONG(C) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | 1 | LONG(C) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | 2 | | IMAGER | F770W | FASTR1 | 7 | 20 | 1 | Dither 1 | 4 | 80 | 550.318 | | 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | 3 | | IMAGER | F560W | FASTR1 | 7 | 20 | 1 | Dither 1 | 4 | 80 | 550.318 | | 3 | SHORT(A) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | 3 | SHORT(A) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | |
| | # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/E xp | Exposures/Dit h | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | | IMAGER | F1500W | FASTR1 | 7 | 20 | 1 | Dither 1 | 4 | 80 | 550.318 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | LONG(C) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | LONG(C) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | | IMAGER | F770W | FASTR1 | 7 | 20 | 1 | Dither 1 | 4 | 80 | 550.318 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | | IMAGER | F560W | FASTR1 | 7 | 20 | 1 | Dither 1 | 4 | 80 | 550.318 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | SHORT(A) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | SHORT(A) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Proposal 3368 - Observation 46 - A JWST Survey of Ultraluminous Infrared Galaxies

Special Requirements

Group Observations 46, 47, 51, Non-interruptible

Proposal 3368 - Observation 51 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | | | | |
|--|--|-------------------------|--|---------------|-----------------------------|----------------------|---------------------------------|------------------------|---------------|--------------------------------|---------------------------|----------------------------|-------------------------|
| Observation | Proposal 3368, Observation 51: IR23128-S-MIRI Diagnostic Status: Warning Observing Template: MIRI Medium Resolution Spectroscopy | | | | | | | | | | | | |
| | (IR23128-S-MIRI (Obs 51)) Warning (Form): Imager Filter overlap. (Visit 51:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | | Targ. Coord. Corrections | | | Miscellaneous | | | |
| | (34) | IR23128-S | RA: 23 15 46.7400 (348.9447500d) Dec: -59 03 15.90 (-59.05442d) Equinox: J2000 | | | | | | | | | | |
| <i>Comments:</i> Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | | | | | | | | | | |
| Acquisition | # | Target | | | | | | | | | | | |
| | 1 | NONE | | | | | | | | | | | |
| Template | AcqFilter | Primary Channel | | | Simultaneous Imaging | | | Imager Subarray | | Grating Wheel Direction | | | |
| | F560W | All MRS | | | YES | | | BRIGHTSKY | | NEUTRAL | | | |
| Dithers | # | Dither Type | | | | Optimized For | | | | Direction | | | |
| | 1 | 4-Point | | | | EXTENDED SOURCE | | | | NEGATIVE | | | |
| Spectral Elements | # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/E xp | Exposures/Dit h | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | | IMAGER | F1500W | FASTR1 | 7 | 20 | 1 | Dither 1 | 4 | 80 | 550.318 | |
| | 1 | LONG(C) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | |
| | 1 | LONG(C) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | |
| | 2 | | IMAGER | F770W | FASTR1 | 7 | 20 | 1 | Dither 1 | 4 | 80 | 550.318 | |
| | 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | |
| | 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | |
| | 3 | | IMAGER | F560W | FASTR1 | 7 | 20 | 1 | Dither 1 | 4 | 80 | 550.318 | |
| | 3 | SHORT(A) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | |
| | 3 | SHORT(A) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 4 | 4 | 888.013 | |

Proposal 3368 - Observation 51 - A JWST Survey of Ultraluminous Infrared Galaxies

Special Requirements

Group Observations 46, 47, 51, Non-interruptible

Proposal 3368 - Observation 47 - A JWST Survey of Ultraluminous Infrared Galaxies

Tue Jan 30 18:00:46 GMT 2024

| | | | | | | | | | | | | | |
|--|---|-------------------------|--|---------------|-----------------------------|---------------------------------|--------------------------|------------------------|----------------------|--------------------------------|---------------------------|----------------------------|-------------------------|
| Observation | Proposal 3368, Observation 47: IR23128-BG MIRI Diagnostic Status: Warning Observing Template: MIRI Medium Resolution Spectroscopy | | | | | | | | | | | | |
| | (IR23128-BG MIRI (Obs 47)) Warning (Form): Imager Filter overlap. (Visit 47:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | Targ. Coord. Corrections | | | Miscellaneous | | | | |
| | (31) | IR23128-N | RA: 23 15 46.7200 (348.9446667d) Dec: -59 03 11.10 (-59.05308d) Equinox: J2000 | | | | | | | | | | |
| <i>Comments:</i> Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | | | | | | | | | | |
| Acquisition | # | Target | | | | | | | | | | | |
| | 1 | NONE | | | | | | | | | | | |
| Template | AcqFilter | Primary Channel | | | Simultaneous Imaging | | | Imager Subarray | | Grating Wheel Direction | | | |
| | F560W | All MRS | | | YES | | | BRIGHTSKY | | NEUTRAL | | | |
| Dithers | # | Dither Type | | | Optimized For | | | | Direction | | | | |
| | 1 | 2-Point | | | EXTENDED SOURCE | | | | NEGATIVE | | | | |
| Spectral Elements | # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/E xp | Exposures/Dit h | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | | IMAGER | F1500W | FASTR1 | 7 | 25 | 1 | Dither 1 | 2 | 50 | 344.381 | |
| | 1 | LONG(C) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | |
| | 1 | LONG(C) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | |
| | 2 | | IMAGER | F770W | FASTR1 | 7 | 25 | 1 | Dither 1 | 2 | 50 | 344.381 | |
| | 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | |
| | 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | |
| | 3 | | IMAGER | F560W | FASTR1 | 7 | 25 | 1 | Dither 1 | 2 | 50 | 344.381 | |
| | 3 | SHORT(A) | MRSLONG | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | |
| | 3 | SHORT(A) | MRSSHORT | | FASTR1 | 80 | 1 | 1 | Dither 1 | 2 | 2 | 444.006 | |

Proposal 3368 - Observation 47 - A JWST Survey of Ultraluminous Infrared Galaxies

Special Requirements

Aperture PA Range 0 to 165 Degrees (V3 0.0 to 165.0)
Aperture PA Range 230 to 278 Degrees (V3 230.0 to 278.0)
Aperture PA Range 325 to 359 Degrees (V3 325.0 to 359.0)
Offset -45.0 arcsec, -75.0 arcsec

Group Observations 46, 47, 51, Non-interruptible

Proposal 3368 - Observation 136 - A JWST Survey of Ultraluminous Infrared Galaxies

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|--------------------------|---|-----------------------|--|-------------------|-------------------------|---------------------------------|---------------|-------------------------|----------------------|---------------------------|----------------------------|-------------------------|
| Observation | <p>Proposal 3368, Observation 136: IR23128-N-NIRSpec Diagnostic Status: Warning Observing Template: NIRSpec IFU Spectroscopy</p> | | | | | | | | | | | |
| Diagnostics | (Visit 136:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | Targ. Coord. Corrections | | | Miscellaneous | | | |
| | (31) | IR23128-N | RA: 23 15 46.7200 (348.9446667d) Dec: -59 03 11.10 (-59.05308d) Equinox: J2000 | | | | | | | | | |
| | <p><i>Comments:</i> Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES</p> | | | | | | | | | | | |
| Template | TA Method | | | | | | | | | | | |
| | NONE | | | | | | | | | | | |
| Dithers | # | Dither Type | | Size | Starting Point | | | Number of Points | Points | | | |
| | 1 | CYCLING | | SMALL | 1 | | | 4 | | | | |
| Spectral Elements | # | Grating/Filter | Readout Pattern | Groups/Int | Integrations/Exp | Leakcal | Dither | Autocal | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | G395H/F290LP | NRSIRS2RAPI D | 15 | 1 | false | true | NONE | 4 | 4 | 933.689 | |
| | 2 | G395H/F290LP | NRSIRS2RAPI D | 15 | 1 | true | false | NONE | 1 | 1 | 233.422 | |

Proposal 3368 - Observation 137 - A JWST Survey of Ultraluminous Infrared Galaxies

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|--------------------------|---|-----------------------|--|-------------------|-------------------------|---------------------------------|---------------|-------------------------|----------------------|---------------------------|----------------------------|-------------------------|
| Observation | <p>Proposal 3368, Observation 137: IR23128-S-NIRSpec Diagnostic Status: Warning Observing Template: NIRSpec IFU Spectroscopy</p> | | | | | | | | | | | |
| Diagnostics | (Visit 137:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | Targ. Coord. Corrections | | | Miscellaneous | | | |
| | (34) | IR23128-S | RA: 23 15 46.7400 (348.9447500d) Dec: -59 03 15.90 (-59.05442d) Equinox: J2000 | | | | | | | | | |
| | <p><i>Comments:</i> Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES</p> | | | | | | | | | | | |
| Template | TA Method | | | | | | | | | | | |
| | NONE | | | | | | | | | | | |
| Dithers | # | Dither Type | | Size | Starting Point | | | Number of Points | Points | | | |
| | 1 | CYCLING | | SMALL | 1 | | | 4 | | | | |
| Spectral Elements | # | Grating/Filter | Readout Pattern | Groups/Int | Integrations/Exp | Leakcal | Dither | Autocal | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | G395H/F290LP | NRSIRS2RAPI D | 15 | 1 | false | true | NONE | 4 | 4 | 933.689 | |
| | 2 | G395H/F290LP | NRSIRS2RAPI D | 15 | 1 | true | false | NONE | 1 | 1 | 233.422 | |

Proposal 3368 - Observation 138 - A JWST Survey of Ultraluminous Infrared Galaxies

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|-----------------------------|--|----------------------------|--|------------------------|---------------------------------|-------------------------|---------------------------|---------------------------|----------------------------|-------------------------|
| Observation | <p>Proposal 3368, Observation 138: IR23128-NIRCam Imaging</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRCam Imaging</p> | | | | | | | | | |
| Diagnostics | (Visit 138:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | Targ. Coord. Corrections | | | Miscellaneous | | |
| | (31) | IR23128-N | RA: 23 15 46.7200 (348.9446667d) Dec: -59 03 11.10 (-59.05308d) Equinox: J2000 | | | | | | | |
| | <p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Infrared galaxies, Interacting galaxies]</i> <i>Extended=YES</i></p> | | | | | | | | | |
| Template | Module | | Subarray | | | Target Placement | | | | |
| | B | | FULL | | | Module Gap | | | | |
| Dithers | # | Primary Dither Type | | Primary Dithers | Subpixel Dither Type | | Dither Size | Subpixel Positions | | |
| | 1 | INTRAMODULE | | 3 | STANDARD | | | 3 | | |
| Spectral Elements | # | Short Filter | Long Filter | Readout Pattern | Groups/Int | Integrations/Exp | Total Integrations | Total Dithers | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | F200W | F356W | RAPID | 6 | 1 | 9 | 9 | 579.786 | |
| | 2 | F150W | F277W | RAPID | 6 | 1 | 9 | 9 | 579.786 | |
| Special Requirements | Offset 35.0 arcsec, 35.0 arcsec | | | | | | | | | |

Proposal 3368 - Observation 143 - A JWST Survey of Ultraluminous Infrared Galaxies

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|--|--|-------------------------|--|---------------|-----------------------------|----------------------|---------------------------------|------------------------|---------------|--------------------------------|---------------------------|----------------------------|-------------------------|
| Observation | Proposal 3368, Observation 143: IRAS19297-MIRI Diagnostic Status: Warning Observing Template: MIRI Medium Resolution Spectroscopy | | | | | | | | | | | | |
| | (IRAS19297-MIRI (Obs 143)) Warning (Form): Imager Filter overlap. (Visit 143:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | | Targ. Coord. Corrections | | | Miscellaneous | | | |
| | (36) | IRAS19297 | RA: 19 32 22.3110 (293.0929625d) Dec: -04 00 0.97 (-4.00027d) Equinox: J2000 | | | | | | | | | | |
| <i>Comments:</i> Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | | | | | | | | | | |
| Acquisition | # | Target | | | | | | | | | | | |
| | 1 | NONE | | | | | | | | | | | |
| Template | AcqFilter | Primary Channel | | | Simultaneous Imaging | | | Imager Subarray | | Grating Wheel Direction | | | |
| | F560W | All MRS | | | YES | | | BRIGHTSKY | | NEUTRAL | | | |
| Dithers | # | Dither Type | | | | Optimized For | | | | Direction | | | |
| | 1 | 4-Point | | | | EXTENDED SOURCE | | | | NEGATIVE | | | |
| Spectral Elements | # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/E xp | Exposures/Dit h | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | | IMAGER | F560W | FASTR1 | 10 | 16 | 1 | Dither 1 | 4 | 64 | 605.696 | |
| | 1 | SHORT(A) | MRSLONG | | FASTR1 | 60 | 1 | 1 | Dither 1 | 4 | 4 | 666.01 | |
| | 1 | SHORT(A) | MRSSHORT | | FASTR1 | 60 | 1 | 1 | Dither 1 | 4 | 4 | 666.01 | |
| | 2 | | IMAGER | F770W | FASTR1 | 10 | 16 | 1 | Dither 1 | 4 | 64 | 605.696 | |
| | 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 60 | 1 | 1 | Dither 1 | 4 | 4 | 666.01 | |
| | 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 60 | 1 | 1 | Dither 1 | 4 | 4 | 666.01 | |
| | 3 | | IMAGER | F1500W | FASTR1 | 10 | 16 | 1 | Dither 1 | 4 | 64 | 605.696 | |
| | 3 | LONG(C) | MRSLONG | | FASTR1 | 60 | 1 | 1 | Dither 1 | 4 | 4 | 666.01 | |
| | 3 | LONG(C) | MRSSHORT | | FASTR1 | 60 | 1 | 1 | Dither 1 | 4 | 4 | 666.01 | |

Proposal 3368 - Observation 143 - A JWST Survey of Ultraluminous Infrared Galaxies

Special Requirements

Group Observations 143, 144, Non-interruptible

Proposal 3368 - Observation 144 - A JWST Survey of Ultraluminous Infrared Galaxies

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| | | | | | | | | | | | | | |
|---|---|------------------|--|--------|----------------------|--------------------------|-------------------|-----------------|-------------------------|---------------|--------------------|---------------------|------------------|
| Observation | Proposal 3368, Observation 144: IRAS19297-BG MIRI Diagnostic Status: Warning Observing Template: MIRI Medium Resolution Spectroscopy | | | | | | | | | | | | |
| | (IRAS19297-BG MIRI (Obs 144)) Warning (Form): Imager Filter overlap. (Visit 144:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. | | | | | | | | | | | | |
| Fixed Targets | # | Name | Target Coordinates | | | Targ. Coord. Corrections | | | Miscellaneous | | | | |
| | (36) | IRAS19297 | RA: 19 32 22.3110 (293.0929625d) Dec: -04 00 0.97 (-4.00027d) Equinox: J2000 | | | | | | | | | | |
| Comments: Category=Galaxy Description=[Infrared galaxies, Interacting galaxies] Extended=YES | | | | | | | | | | | | | |
| Acquisition | # | Target | | | | | | | | | | | |
| | 1 | NONE | | | | | | | | | | | |
| Template | AcqFilter | Primary Channel | | | Simultaneous Imaging | | Imager Subarray | | Grating Wheel Direction | | | | |
| | F560W | All MRS | | | YES | | BRIGHTSKY | | NEUTRAL | | | | |
| Dithers | # | Dither Type | | | Optimized For | | | Direction | | | | | |
| | 1 | 2-Point | | | EXTENDED SOURCE | | | NEGATIVE | | | | | |
| Spectral Elements | # | Wavelength Range | Detector | Filter | Readout Pattern | Groups/Int | Integrations/E xp | Exposures/Dit h | Dither | Total Dithers | Total Integrations | Total Exposure Time | ETC Wkbk.Calc ID |
| | 1 | | IMAGER | F1500W | FASTR1 | 12 | 14 | 1 | Dither 1 | 2 | 28 | 313.231 | |
| | 1 | LONG(C) | MRSLONG | | FASTR1 | 60 | 1 | 1 | Dither 1 | 2 | 2 | 333.005 | |
| | 1 | LONG(C) | MRSSHORT | | FASTR1 | 60 | 1 | 1 | Dither 1 | 2 | 2 | 333.005 | |
| | 2 | | IMAGER | F770W | FASTR1 | 12 | 14 | 1 | Dither 1 | 2 | 28 | 313.231 | |
| | 2 | MEDIUM(B) | MRSLONG | | FASTR1 | 60 | 1 | 1 | Dither 1 | 2 | 2 | 333.005 | |
| | 2 | MEDIUM(B) | MRSSHORT | | FASTR1 | 60 | 1 | 1 | Dither 1 | 2 | 2 | 333.005 | |
| | 3 | | IMAGER | F560W | FASTR1 | 12 | 14 | 1 | Dither 1 | 2 | 28 | 313.231 | |
| | 3 | SHORT(A) | MRSLONG | | FASTR1 | 60 | 1 | 1 | Dither 1 | 2 | 2 | 333.005 | |
| | 3 | SHORT(A) | MRSSHORT | | FASTR1 | 60 | 1 | 1 | Dither 1 | 2 | 2 | 333.005 | |

Proposal 3368 - Observation 144 - A JWST Survey of Ultraluminous Infrared Galaxies

Special Requirements

Aperture PA Range 20.0 to 102.0 Degrees (V3 20.0 to 102.0)
Aperture PA Range 185 to 217 Degrees (V3 185.0 to 217.0)
Aperture PA Range 306 to 315 Degrees (V3 306.0 to 315.0)
Aperture PA Range 330 to 352 Degrees (V3 330.0 to 352.0)
Offset -45.0 arcsec, -75.0 arcsec

Group Observations 143, 144, Non-interruptible