UT3 Visitor Telescope Report 19 / 20-Mar-2016

Night Statistics
Report Interval 19 Mar 16:00 - 20 Mar 16:00 UT
Night Time 20 Mar 00:08 - 20 Mar 09:29 UT
Night Length 09:20
Evening Twilight 19 Mar 23:00 - 20 Mar 00:08 UT
Morning Twilight 20 Mar 09:29 - 20 Mar 10:38 UT

Common Staff
Day Shift Coordinators A. Smette
Day Time Astronomers
Night Shift Coordinators Daniel Asmus
Operation Specialists cristian romero
Leonel Rivas
Weather Officers Marcela Espinoza

Telescope Staff
Night Astronomers Daniel Asmus
Telescope Operators Francisco Caceres
Sergio Vera Urrutia

Visiting Astronomers

Weather
General Weather Conditions
Seeing 0.52 - 1.81 arcsec
Humidity 6 - 24 %
Wind 1.25 - 4.00 m/s
Temperature 16.5 - 18.9 C
Overall Comment

Weather Observations

<table>
<thead>
<tr>
<th>Time</th>
<th>Conditions</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>23:05</td>
<td>TN</td>
<td>- Paranal Observatory</td>
</tr>
<tr>
<td>01:29</td>
<td>CL</td>
<td>One small thin cloud to the NE. - Paranal Observatory</td>
</tr>
<tr>
<td>09:53</td>
<td>CL</td>
<td>- Paranal Observatory</td>
</tr>
</tbody>
</table>

Legend: PH-Photometric, CL-Clear, TN-Thin cirrus, TK-Thick cirrus, CY-Cloudy, WI-Windy, HU-Humid, RN-Rain, SN-Snow, EQ-Earthquake, OT-Other

Weather Chart
Timeline

<table>
<thead>
<tr>
<th>Time</th>
<th>OBs</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>00:00</td>
<td>🟢</td>
<td></td>
</tr>
<tr>
<td>01:00</td>
<td>🟢</td>
<td></td>
</tr>
<tr>
<td>02:00</td>
<td>🟢</td>
<td></td>
</tr>
<tr>
<td>03:00</td>
<td>🟢</td>
<td></td>
</tr>
<tr>
<td>04:00</td>
<td>🟢</td>
<td></td>
</tr>
<tr>
<td>05:00</td>
<td>🟢</td>
<td></td>
</tr>
<tr>
<td>06:00</td>
<td>🟢</td>
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<td>07:00</td>
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<td>08:00</td>
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<td>09:00</td>
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<td>10:00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11:00</td>
<td></td>
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</table>

Time Accounting

**Total Time**

<table>
<thead>
<tr>
<th>Instrument</th>
<th>Mode</th>
<th>Time spent</th>
</tr>
</thead>
<tbody>
<tr>
<td>VLTI_FOCUS</td>
<td>Commissioning</td>
<td>04:41:14</td>
</tr>
<tr>
<td>VISIR</td>
<td>Service</td>
<td>00:52:31</td>
</tr>
<tr>
<td>VISIR</td>
<td>Commissioning</td>
<td>03:47:11</td>
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</table>

<table>
<thead>
<tr>
<th>Instrument</th>
<th>Mode</th>
<th>Science</th>
<th>Acquisition</th>
<th>Calibration</th>
<th>Standard</th>
</tr>
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<tbody>
<tr>
<td>VISIR</td>
<td>Service</td>
<td>00:26:58</td>
<td>00:15:59</td>
<td>00:00:00</td>
<td>00:12:00</td>
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</table>

Total Losses
### Instrument Mode Technical Misc Execution Preparation Idle Weather

<table>
<thead>
<tr>
<th>Instrument</th>
<th>Mode</th>
<th>Technical</th>
<th>Misc</th>
<th>Execution</th>
<th>Preparation</th>
<th>Idle</th>
<th>Weather</th>
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<tr>
<td>VISIR</td>
<td>Service</td>
<td>00:00:00</td>
<td>00:00:00</td>
<td>00:00:00</td>
<td>00:00:00</td>
<td>00:00:00</td>
<td>00:00:00</td>
</tr>
</tbody>
</table>

- **VISIR Service Science**
  - **Acquisition**: 4.8%
  - **Standard Stars**: 2.9%

#### Sum of Times & Losses
- **Sum of Times & Losses**: 9.8%

Percentages are relative to the night duration of 09:20. Instrument times (green bars) for Science, Calibration and Standard Stars are derived from produced FITS files using instrument-specific algorithms. Losses (red bars) are derived from Downtime Slots, Ob Slots and Partial Losses within Ob Slots that were classified with some loss type.

### Comments

#### Setup Activities

<table>
<thead>
<tr>
<th>Time</th>
<th>Comment</th>
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#### Public Comments

<table>
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<th>Time</th>
<th>Comment</th>
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</table>

### Summary of Data

#### Daytime Calibrations

<table>
<thead>
<tr>
<th>OB ID</th>
<th>from &gt; to</th>
<th>Duration</th>
<th>Run ID</th>
<th>Instrument</th>
<th>OB Name</th>
<th>Grade</th>
<th>Mode</th>
</tr>
</thead>
<tbody>
<tr>
<td>200155281</td>
<td>20:02:23 &gt; 20:02:42</td>
<td>00:00:19</td>
<td>60.A-9050(A)</td>
<td>VIMOS</td>
<td>VIMOS Focus Check</td>
<td>_</td>
<td>Service</td>
</tr>
<tr>
<td>200313600</td>
<td>20:08:46 &gt; 20:42:41</td>
<td>00:34:55</td>
<td>60.A-9249(A)</td>
<td>SPHERE</td>
<td>No name</td>
<td>X</td>
<td>Service</td>
</tr>
<tr>
<td>2003155281</td>
<td>20:28:39 &gt; 21:06:03</td>
<td>00:37:24</td>
<td>60.A-9050(A)</td>
<td>VIMOS</td>
<td>VIMOS Focus Check</td>
<td>X</td>
<td>Service</td>
</tr>
<tr>
<td>200313600</td>
<td>22:53:04 &gt; 23:01:14</td>
<td>00:08:10</td>
<td>60.A-9249(A)</td>
<td>SPHERE</td>
<td>No name</td>
<td>X</td>
<td>Service</td>
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<tr>
<td>200313600</td>
<td>10:33:37 &gt; 11:22:58</td>
<td>00:49:21</td>
<td>60.A-9249(A)</td>
<td>SPHERE</td>
<td>No name</td>
<td>X</td>
<td>Service</td>
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<tr>
<td>200137008</td>
<td>10:33:46 &gt; 10:42:04</td>
<td>00:08:18</td>
<td>60.A-9234(A)</td>
<td>VISIR</td>
<td>Calibration</td>
<td>X</td>
<td>Service</td>
</tr>
<tr>
<td>200127566</td>
<td>11:23:18 &gt; 12:21:28</td>
<td>00:58:10</td>
<td>60.A-9050(A)</td>
<td>VIMOS</td>
<td>Calibrations</td>
<td>X</td>
<td>Service</td>
</tr>
<tr>
<td>200313600</td>
<td>11:23:18 &gt; 12:21:28</td>
<td>00:58:10</td>
<td>60.A-9234(A)</td>
<td>SPHERE</td>
<td>No name</td>
<td>X</td>
<td>Service</td>
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#### Nighttime Observations

<table>
<thead>
<tr>
<th>OB ID</th>
<th>from &gt; to</th>
<th>Duration</th>
<th>Run ID</th>
<th>Instrument</th>
<th>OB Name</th>
<th>Loss Type</th>
<th>Grade</th>
<th>Mode</th>
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<tbody>
<tr>
<td>VLTI_FOCUS Obs.</td>
<td>00:08:45 &gt; 04:50:00</td>
<td>04:41:14</td>
<td>VLTI_FOCUS</td>
<td>No Loss</td>
<td>Commission</td>
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<tr>
<td>200351597</td>
<td>05:04:18 &gt; 05:29:39</td>
<td>00:25:21</td>
<td>60.A-9234(A)</td>
<td>VISIR</td>
<td>STD ima HD099167_16.6Jy</td>
<td>No Loss</td>
<td>X</td>
<td>Service</td>
</tr>
<tr>
<td>1358118</td>
<td>05:29:57 &gt; 05:44:05</td>
<td>00:14:08</td>
<td>60.A-9624(A)</td>
<td>VISIR</td>
<td>SCI IRS9A SAM 1</td>
<td>No Loss</td>
<td>A</td>
<td>Commission</td>
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<tr>
<td>1358121</td>
<td>05:44:24 &gt; 05:53:31</td>
<td>00:08:47</td>
<td>60.A-9624(A)</td>
<td>VISIR</td>
<td>CAL 96918 SAM 1</td>
<td>No Loss</td>
<td>A</td>
<td>Commission</td>
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<tr>
<td>1358124</td>
<td>05:53:30 &gt; 06:02:00</td>
<td>00:08:30</td>
<td>60.A-9624(A)</td>
<td>VISIR</td>
<td>SCI IRS9A SAM 2</td>
<td>No Loss</td>
<td>A</td>
<td>Commission</td>
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<tr>
<td>1358127</td>
<td>06:02:06 &gt; 06:11:01</td>
<td>00:08:55</td>
<td>60.A-9624(A)</td>
<td>VISIR</td>
<td>CAL 96918 SAM 2</td>
<td>No Loss</td>
<td>A</td>
<td>Commission</td>
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<tr>
<td>1361560</td>
<td>06:11:19 &gt; 06:49:16</td>
<td>00:37:57</td>
<td>60.A-9632(A)</td>
<td>VISIR</td>
<td>STD1-HD92305 SAM</td>
<td>No Loss</td>
<td>A</td>
<td>Commission</td>
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<tr>
<td>1361563</td>
<td>06:49:21 &gt; 07:43:27</td>
<td>00:54:06</td>
<td>60.A-9632(A)</td>
<td>VISIR</td>
<td>SCI-HD100546 SAM</td>
<td>No Loss</td>
<td>A</td>
<td>Commission</td>
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<td>1361567</td>
<td>07:43:33 &gt; 08:16:53</td>
<td>00:33:20</td>
<td>60.A-9632(A)</td>
<td>VISIR</td>
<td>STD2-HD108903 SAM</td>
<td>No Loss</td>
<td>A</td>
<td>Commission</td>
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<td>1357956</td>
<td>08:16:57 &gt; 00:23:38</td>
<td>60.A-9629(A)</td>
<td>VISIR</td>
<td>CAL NGC5506 PAH2_2 before HD121523</td>
<td>No Loss</td>
<td>X</td>
<td>Commission</td>
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### Nighttime Losses

<table>
<thead>
<tr>
<th>Loss Type</th>
<th>Grade</th>
<th>Mode</th>
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<tbody>
<tr>
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</table>

#### NoLoss Downtime Slots

<table>
<thead>
<tr>
<th>Slot</th>
<th>From &gt; to</th>
<th>Duration</th>
<th>Run ID</th>
<th>Instrument</th>
<th>OB Name</th>
<th>Loss Type</th>
<th>Grade</th>
<th>Mode</th>
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</thead>
<tbody>
<tr>
<td>Downtime</td>
<td>04:50:00 &gt; 05:04:18</td>
<td>00:14:18</td>
<td>VISIR</td>
<td>No Loss</td>
<td>Service</td>
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</tbody>
</table>

*Focus change to VISIR on 20 Mar 10:19 - Paranal Observatory*

### Daytime Calibrations

#### OB 200155281 | 20:02:23 > 20:02:42 | Mode: Service | Loss: No Loss | Status A

<table>
<thead>
<tr>
<th>Instrument</th>
<th>VIMOS</th>
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<tbody>
<tr>
<td>Name</td>
<td>VIMOS Focus Check</td>
</tr>
<tr>
<td>Target</td>
<td>PI</td>
</tr>
<tr>
<td>PI</td>
<td>VIMOS team</td>
</tr>
<tr>
<td>Run</td>
<td>60.A-9050(A)</td>
</tr>
<tr>
<td>Container</td>
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</table>

**Public Comments**

*No files produced*

#### OB 200313600 | 20:08:46 > 20:42:41 | Mode: Service | Loss: No Loss | Status X > M

<table>
<thead>
<tr>
<th>Instrument</th>
<th>SPHERE</th>
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<tbody>
<tr>
<td>Name</td>
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</tr>
<tr>
<td>Target</td>
<td>No name</td>
</tr>
<tr>
<td>PI</td>
<td>SPHERE Team</td>
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<td>Run</td>
<td>60.A-9249(A)</td>
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<td>Container</td>
<td>-</td>
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</table>

**Public Comments**

*No files produced*

#### OBS.ID 200313600

**OBS.START**

**Template** | SPHERE_gen_cal_imatrix_ittm |
| Mode        | SAXOCAL |

**Original Filename** | **Archive Filename**
|----------------------|--------------------------|

**Template** | SPHERE_gen_cal_imatrix_dtt |
| Mode        | SAXOCAL |

**Original Filename** | **Archive Filename**
<table>
<thead>
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<tr>
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<td>SPHER.2016-03-19T20:10:00.648</td>
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</table>

**Template** | SPHERE_gen_tec_save_clmatrices |
| Mode        | SAXOCAL |

**Original Filename** | **Archive Filename**
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<tr>
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<td>SPHER.2016-03-19T20:12:30.886</td>
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<td>RTC.HODMUNUSED_ACT_MAP_2016-03-19T20:12:30.fits</td>
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<td>Original Filename</td>
<td>Archive Filename</td>
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<tr>
<td>---------------------------------------</td>
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<tr>
<td>VIMOS Gen Tec Vis Target Centering_2016-03-19T20:42:01.fits</td>
<td>VIMOS_2016-03-19T20:42:01.266</td>
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</table>

**OB 200155281** | 20:28:39 > 21:06:03 | 00:37:24 | Mode: Service | Loss: No Loss | Status X > M | Grade X

**Instrument** | VIMOS

**Name** | VIMOS Focus Check

**Target** | VIMOS team

**PI** | 60.A-9050(A)

**Run** | -

**Public Comments**

**Files produced and additional information**

**OBS.ID** | 200155281
**OBS.START** | 2016-03-19T20:28:39

**Template** | VIMOS_img_tec_FocusCheck

**Data Product** | CALIB/LAMP,AFC/IMAGE
**CCD** | 225KHz,1port,HG,AFC/1x1/2048x400

**Lamps** | Afc

**Original Filename** | Archive Filename | Grism | Filter | INS.ADF.ID | DET.OUT1.CONAD | EXPTIME |
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<tbody>
<tr>
<td>VIMOS_IMG_AFC079_0001_A2.fits</td>
<td>VIMOS_2016-03-19T20:33:30:401</td>
<td>Free</td>
<td>R</td>
<td>0.55 e-/adu</td>
<td>1.999</td>
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<tr>
<td>VIMOS_IMG_AFC079_0001_A3.fits</td>
<td>VIMOS_2016-03-19T20:33:30:402</td>
<td>Free</td>
<td>R</td>
<td>0.56 e-/adu</td>
<td>1.999</td>
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<td>VIMOS_IMG_AFC079_0001_B1.fits</td>
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<td>Free</td>
<td>R</td>
<td>0.53 e-/adu</td>
<td>2.0</td>
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</tr>
<tr>
<td>VIMOS_IMG_AFC079_0001_B4.fits</td>
<td>VIMOS_2016-03-19T20:33:30:405</td>
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<td>R</td>
<td>0.54 e-/adu</td>
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<tr>
<td>VIMOS_IMG_AFC079_0002_B1.fits</td>
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<tr>
<td>VIMOS_IMG_AFC079_0002_A2.fits</td>
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<td>Free</td>
<td>R</td>
<td>0.55 e-/adu</td>
<td>2.0</td>
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</tbody>
</table>

**Template** | VIMOS_img_tec_MaskToCcd

**Data Product** | CALIB/LAMP,AFC/IMAGE
**CCD** | 225KHz,1port,LG/1x1/2048x2440

**Lamps** | QTH10

**Original Filename** | Archive Filename | Grism | Filter | INS.ADF.ID | DET.OUT1.CONAD | EXPTIME |
<table>
<thead>
<tr>
<th></th>
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<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>VIMOS_IMG_OTHER079_0001_A3.fits</td>
<td>VIMOS_2016-03-19T20:34:31:048</td>
<td>Free</td>
<td>R</td>
<td>cal_05s_pinhole-3mod2.adp</td>
<td>1.81 e-/adu</td>
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<tr>
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<td>R</td>
<td>cal_05s_pinhole-2mod2.adp</td>
<td>1.81 e-/adu</td>
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<tr>
<td>VIMOS_IMG_OTHER079_0001_B4.fits</td>
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<tr>
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<td>cal_05s_pinhole-1mod2.adp</td>
<td>1.75 e-/adu</td>
<td>0.998</td>
</tr>
</tbody>
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**OB 200313600** | 22:53:04 > 23:01:14 | 00:08:10 | Mode: Service | Loss: No Loss | Status X > M | Grade X

**Instrument** | SPHERE

**Name** | No name
### Files produced and additional information

**OBS.ID** 200313600  
**OBS.START** 2016-03-20T10:33:37  
**Template** SPHERE_gen_cal_vwfs_backgnd  
**Mode** SAXOCAL  
**Original Filename** SPHERE_BACKGROUND_AONGC_2016-03-19T22:55:17.fits  
**Archive Filename** SPHER.2016-03-19T22:55:16.476

**OBS.ID** 200313600  
**OBS.START** 2016-03-20T10:33:37  
**Template** SPHERE_gen_cal_dtts_backgnd  
**Mode** SAXOCAL  
**Original Filename** SPHERE_BACKGROUND_DTTS_2016-03-19T22:55:41.fits  
**Archive Filename** SPHER.2016-03-19T22:55:40.806

**OBS.ID** 200313600  
**OBS.START** 2016-03-20T10:33:37  
**Template** SPHERE_gen_tec_hodm_shape_comp  
**Mode** SAXOCAL  
**Original Filename** SPHERE_GEN_TEC_HODM_SHAPE_COMP_2016-03-19T22:57:14.fits  
**Archive Filename** SPHER.2016-03-19T22:57:14.152

**OBS.ID** 200313600  
**OBS.START** 2016-03-20T10:33:37  
**Template** SPHERE_gen_cal_voffset  
**Mode** SAXOCAL  
**Original Filename** SPHERE_HODM_VOFFSET_2016-03-19T22:57:49.fits  
**Archive Filename** SPHER.2016-03-19T22:57:47.822

**OBS.ID** 200313600  
**OBS.START** 2016-03-20T10:33:37  
**Template** SPHERE_gen_tec_checkao  
**Mode** IRDIS_CI  
**INS.COMB.ICOR** N_NS_CLEAR  
**Original Filename** SPHERE_GEN_BGND079_0001.fits  
**Archive Filename** SPHER.2016-03-19T22:59:15.652

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**OBS.START** 2016-03-20T10:33:37  
**Template** SPHERE_gen_tec_checkao  
**Mode** IRDIS_CI  
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**Original Filename** SPHERE_GEN_OBJ079_0001.fits  
**Archive Filename** SPHER.2016-03-19T22:59:46.589

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**Original Filename** SPHERE_GEN_OBJ079_0002.fits  
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**Mode** ZIMPOL_CAL  
**INS.COMB.VCOR** N_NS_OPAQUE  
**Original Filename** SPHERE_ZIMPOL_CAL_BIAS080_0001.fits  
**Archive Filename** SPHER.2016-03-20T11:21:36.364

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**INS.COMB.VCOR** N_NS_OPAQUE  
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**Mode** ZIMPOL_CAL  
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**Original Filename** SPHERE_ZIMPOL_CAL_BIAS080_0003.fits  
**Archive Filename** SPHER.2016-03-20T11:21:36.364
**SPHERE_zimpol_i_cal_dark**

**Mode**
ZIMPOL_CAL

**INS.COMB.VCOR**

Original Filename | Archive Filename | TPL.EXPNO/TPL.NEXP | DET.DIT1/DET.NDIT | DPR.TYPE | INS3.OPTI2.NAME | INS3.OPTI5.NAME | INS3.OP
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SPHERE_zimpol_i_cal_dark001.fits | SPHER 2016-03-20T10:46:13.731 | 1/1 | DARK | ND_4.0 | OPEN | OPEN

**Template**
SPHERE_zimpol_i_cal_dark

**Mode**
IRDIFS

**SPHERE_IRDIFS_IFS_CAL_DISTMAP080_0001.fits**

**Mode**
IRDIFS

**INS.COMB.ICOR**

N NS_CLEAR

**Original Filename**
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**Archive Filename**
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DB_H23

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2.0/10

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LAMP,DISTORT

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**Mode**
IRDIFS

**INS.COMB.ICOR**

N NS_CLEAR

**Original Filename**
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**INS.COMB.IFLT**
DB_K12

**DET.SEQ1.DIT/DET.NDIT**
1.0/10

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**SPHERE_IRDIFS_IFS_CAL_DISTMAP080_0003.fits**

**Mode**
IRDIFS

**INS.COMB.ICOR**

N NS_CLEAR

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**INS.COMB.ICOR**

N NS_CLEAR

**Original Filename**
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**DET.SEQ1.DIT/DET.NDIT**
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**SPHERE_IRDIFS_IFS_CAL_DISTMAP080_0005.fits**

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IRDIFS

**INS.COMB.ICOR**

N NS_CLEAR

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LAMP,DISTORT

**SPHERE_IRDIS_CAL_DARK080_0001.fits**

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IRDIFS

**INS.COMB.ICOR**

N NS_OPAQUE

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**DPR.TYPE**
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**SPHERE_IRDIS_CAL_DARK080_0004.fits**

**Mode**
IRDIFS

**INS.COMB.ICOR**

N NS_OPAQUE

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**SPHERE_IRDIS_CAL_DARK080_0005.fits**

**Mode**
IRDIFS

**INS.COMB.ICOR**

N NS_OPAQUE

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DARK

**SPHERE_IRDIS_CAL_DARK080_0006.fits**

**Mode**
IRDIFS

**INS.COMB.ICOR**

N NS_OPAQUE

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**SPHERE_IRDIS_CAL_DARK080_0007.fits**

**Mode**
IRDIFS

**INS.COMB.ICOR**

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**DET.SEQ1.DIT/DET.NDIT**
5.0/20

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**SPHERE_IRDIS_CAL_FLAT080_0001.fits**

**Mode**
IRDIFS

**INS.COMB.ICOR**

N NS_OPAQUE

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| Seeing        |                       |
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**VIMOS**

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### Data Product

**IMAGING**

**CCD**

- **Type**: 225KHz,1port,HG,AFC/1x1/2048x400

**Lamps**

- **Afc**

### Template

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- **VIMOS_MOS_CAL080_0030_A.3.fits**
- **VIMOS_MOS_CAL080_0030_B.4.fits**
- **VIMOS_MOS_CAL080_0031_A.3.fits**
- **VIMOS_MOS_CAL080_0031_B.1.fits**
- **VIMOS_MOS_CAL080_0031_B.4.fits**
- **VIMOS_MOS_CAL080_0032_A.2.fits**
- **VIMOS_MOS_CAL080_0032_B.4.fits**
- **VIMOS_MOS_CAL080_0033_A.3.fits**
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**Template**

**VIMOS**

**Data Product**

**IMAGING**

- **CALIB/LAMP/AFC/IMAGE**

**CCD**

- **225KHz,1port,HG,AFC/1x1/2048x400**

**Lamps**

- **Afc**

### IMFAR

**Original Filename**

- **VIMOS_MOS_CAL080_0001_A.3.fits**
- **VIMOS_MOS_CAL080_0001_B.4.fits**
- **VIMOS_MOS_CAL080_0001_B.3.fits**
- **VIMOS_MOS_CAL080_0001_B.1.fits**
- **VIMOS_MOS_CAL080_0001_B.2.fits**
- **VIMOS_MOS_CAL080_0002_B.4.fits**
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**Template**

**VIMOS_iifu_cal_DayCalib**

**Data Product**

**IMAGING**

- **CALIB/FLAT.LAMP/IFU**

**CCD**

- **225KHz,1port,HG/1x1/2048x4096**

**Lamps**

- **QTH50**

Instrument  | SPHERE
Name         | No name
Target       | No name
PI           | SPHERE Team SPHERE team
Run          | 60.A-9249(A)
Container    | -
Public Comments

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Nighttime Observations

OB 200351597 | 05:04:18 > 05:29:39 | 00:25:21 | Mode: Service | Loss: No Loss | Status X > M

Instrument: VISIR
Name: STD_ima_HD099167_16.6Jy
Target: HD099167
PI: Siebenmorgen
Run: 60.A-9234(A)
Container: -
Public Comments: sensitivity photometric in all filters but PAH2. Image quality very good in B10.7 and longward.

Files produced and additional information

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VISIR_IMG_CAL080_0002.fits | VISIR.2016-03-20T05:12:44.380

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| Data Product | CALIB/STD/IMAGE,CHOPNOD |
| Airmass    | 1.059 |
| Seeing     | 0.89 |
| Chopping   | T/3.98724/0.0/13.0/PERPENDICU |
| Exposure   | 0.0114 x 8 x 2 x 329 = 82.5132 |
| Setup      | IMG / 0.0453 / B10.7 |

Original Filename | Archive Filename
VISIR_IMG_CAL080_0003.fits | VISIR.2016-03-20T05:14:49.559
VISIR_IMG_CAL080_0004.fits | VISIR.2016-03-20T05:16:23.417

| Template   | VISIR_img_cal_AutoChopNod |
| Data Product | CALIB/STD/IMAGE,CHOPNOD |
| Airmass    | 1.059 |
| Seeing     | 0.89 |
| Chopping   | T/4.00641/0.0/13.0/PERPENDICU |
| Exposure   | 0.0208 x 4 x 2 x 361 = 90.1056 |
| Setup      | IMG / 0.0453 / PAH2_2 |

Original Filename | Archive Filename
VISIR_IMG_CAL080_0005.fits | VISIR.2016-03-20T05:18:33.731
VISIR_IMG_CAL080_0006.fits | VISIR.2016-03-20T05:20:15.325

| Template   | VISIR_img_cal_AutoChopNod |
| Data Product | CALIB/STD/IMAGE,CHOPNOD |
| Airmass    | 1.059 |
| Seeing     | 0.89 |
| Chopping   | T/4.0/0.0/13.0/PERPENDICU |
| Exposure   | 0.0125 x 7 x 2 x 343 = 85.75 |
| Setup      | IMG / 0.0453 / J8.9 |

Original Filename | Archive Filename
VISIR_IMG_CAL080_0007.fits | VISIR.2016-03-20T05:22:45.962
VISIR_IMG_CAL080_0008.fits | VISIR.2016-03-20T05:24:23.343

| Template   | VISIR_img_cal_AutoChopNod |
| Data Product | CALIB/STD/IMAGE,CHOPNOD |
| Airmass    | 1.059 |
| Seeing     | 0.89 |
| Chopping   | T/2.997601/0.0/13.0/PERPENDICU |
| Exposure   | 0.0278 x 5 x 2 x 216 = 72.0576 |
| Setup      | IMG / 0.0453 / PAH2 |

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Public Comments: conditions very good. Execution without any problems. 20 Mar 08:02 - Paranal Observatory OB re-classification for VISIR SV 21 Mar 12:01

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Template | VISIR_img_acq_MoveToSam |
Data Product | ACQUISITION/OBJECT/IMAGE,CHOPNOD |
Airmass | 1.304 |
Seeing | 0.84 |
Chopping | T/3.98724/0.0/8.0/PARALLEL |
Exposure | 0.0114 x 8 x 2 x 137 = 34.3596 |
Setup | IMG / 0.0453 / B10.7 |

Original Filename | Archive Filename |
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<tr>
<td>VISIR_IMG_ACQ080_0002.fits</td>
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Template | VISIR_img_acq_MoveToSam |
Data Product | ACQUISITION/OBJECT/IMAGE,PUPIL |
Airmass | 1.304 |
Seeing | 0.84 |
Chopping | F/null/null/null/PARALLEL |
Exposure | 0.008728 x 1000 x 2 x 137 = 8.754906 |
Setup | IMG / 0.0453 / ARIII |

Original Filename | Archive Filename |
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Template | VISIR_img_acq_MoveToSam |
Data Product | ACQUISITION/OBJECT/IMAGE,CHOPNOD |
Airmass | 1.304 |
Seeing | 0.84 |
Chopping | F/null/null/null/PARALLEL |
Exposure | 0.008728 x 1000 x 2 x 137 = 8.754906 |
Setup | IMG / 0.0453 / 10_5_SAM |

Original Filename | Archive Filename |
<table>
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Template | VISIR_img_obs_SamAutoNod |
Data Product | SCIENCE/OBJECT/SAM,CHOPNOD |
Airmass | 1.304 |
Seeing | 0.84 |
Chopping | T/0.5/0.0/8.0/PARALLEL |
Exposure | 0.125 x 7 x 2 x 26 = 52.0 |
Setup | IMG / 0.0453 / 10_5_SAM |

Original Filename | Archive Filename |
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<tr>
<td>VISIR_IMG_OBS080_0002.fits</td>
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Template | VISIR_img_obs_SamAutoNod |
Data Product | SCIENCE/OBJECT/IMAGE,PUPIL |
Airmass | 1.304 |
Seeing | 0.84 |
Chopping | F/null/null/null/PARALLEL |
Exposure | 0.008728 x 1000 x 2 x 26 = 8.737448 |
Setup | IMG / 0.0453 / ARIII |
<table>
<thead>
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<tbody>
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<tr>
<td>PI</td>
<td>Joel Sanchez</td>
</tr>
<tr>
<td>Run</td>
<td>60.A-9624(A)</td>
</tr>
<tr>
<td>Container</td>
<td>Concatenation 1358117</td>
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<tr>
<td>Public Comments</td>
<td>conditions very good. Execution without any problems.</td>
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**Template** VISIR_img_acq_MoveToSam

**Data Product** ACQUISITION/OBJECT/IMAGE,CHOPNOD

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<tbody>
<tr>
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<tr>
<td>Chopping</td>
<td>T/3.98724/0.0/8.0/PARALLEL</td>
</tr>
<tr>
<td>Exposure</td>
<td>0.0114 x 8 x 2 x 137 = 34.3596</td>
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<td>Setup</td>
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**Original Filename** VISIR_IMG_ACQ080_0005.fits | **Archive Filename** VISIR.2016-03-20T05:47:17.136

**Template** VISIR_img_acq_MoveToSam

**Data Product** ACQUISITION/OBJECT/IMAGE,PUPIL

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<td>Chopping</td>
<td>F/null/null/null/PARALLEL</td>
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<tr>
<td>Exposure</td>
<td>0.008728 x 1000 x 2 x 137 = 8.754906</td>
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<tr>
<td>Setup</td>
<td>IMG / 0.0453 / ARIII</td>
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**Original Filename** VISIR_IMG_ACQ080_0006.fits | **Archive Filename** VISIR.2016-03-20T05:48:02.344

**Template** VISIR_img_acq_MoveToSam

**Data Product** ACQUISITION/OBJECT/IMAGE,CHOPNOD

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<tbody>
<tr>
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<td>Chopping</td>
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<td>Exposure</td>
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<td>Setup</td>
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**Original Filename** VISIR_IMG_ACQ080_0008.fits | **Archive Filename** VISIR.2016-03-20T05:49:54.501

**Template** VISIR_img_cal_SamAutoNod

**Data Product** CALIB/STD/SAM,CHOPNOD

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<tbody>
<tr>
<td>Seeing</td>
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<tr>
<td>Chopping</td>
<td>T/0.5/0.0/8.0/PARALLEL</td>
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<tr>
<td>Exposure</td>
<td>0.125 x 7 x 2 x 26 = 52.0</td>
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**Original Filename** VISIR_IMG_CAL080_0011.fits | **Archive Filename** VISIR.2016-03-20T05:50:31.827

**Template** VISIR_img_cal_SamAutoNod

**Data Product** CALIB/STD/IMAGE,PUPIL

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<tbody>
<tr>
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<td>Chopping</td>
<td>F/null/null/null/PARALLEL</td>
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**Original Filename** VISIR_IMG_CAL080_0012.fits | **Archive Filename** VISIR.2016-03-20T05:51:36.320
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<td>PI</td>
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<tr>
<td>Run</td>
<td>60.A-9624(A)</td>
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<tr>
<td>Container</td>
<td>Concatenation 1358117</td>
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<td>Public Comments</td>
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**Files produced and additional information**

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<tr>
<td>Seeing</td>
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<tr>
<td>Chopping</td>
<td>T/3.98724/0.0/8/0/PARALLEL</td>
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<tr>
<td>Exposure</td>
<td>0.0114 x 8 x 2 x 137 = 34.3596</td>
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<tr>
<td>Setup</td>
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Original Filename | Archive Filename
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VISIR_IMG_ACQ080_0010.fits | VISIR.2016-03-20T05:56:42.338

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<tr>
<td>Exposure</td>
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Original Filename | Archive Filename
VISIR_IMG_ACQ080_0011.fits | VISIR.2016-03-20T05:58:12.880

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Original Filename | Archive Filename
VISIR_IMG_OBS080_0004.fits | VISIR.2016-03-20T05:59:19.135
VISIR_IMG_OBS080_0005.fits | VISIR.2016-03-20T06:00:23.369

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<td>Data Product</td>
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<tr>
<td>Seeing</td>
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<tr>
<td>Chopping</td>
<td>T/0.5/0.0/8.0/PARALLEL</td>
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<tr>
<td>Exposure</td>
<td>0.008728 x 1000 x 2 x 26 = 8.737448</td>
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<tr>
<td>Setup</td>
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Original Filename | Archive Filename
VISIR_IMG_OBS080_0006.fits | VISIR.2016-03-20T06:01:48.759
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<td>Data Product</td>
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| Template | VISIR_img_acq_MoveToSam |
| Data Product | ACQUISITION/OBJECT/IMAGE,PUPIL |
| Airmass   | 1.323       |
| Seeing    | 1.01        |
| Chopping  | F/null/null/null/PARALLEL |
| Exposure  | 0.008728 x 1000 x 2 x 137 = 8.754906 |
| Setup     | IMG / 0.0453 / ARIII |

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<tr>
<td>VISIR_IMG_ACQ080_0016.fits</td>
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| Template | VISIR_img_cal_SamAutoNod |
| Data Product | CALIB/STD/SAM,CHOPNOD |
| Airmass   | 1.323       |
| Seeing    | 1.01        |
| Chopping  | T/0.5/0.0/8.0/PARALLEL |
| Exposure  | 0.125 x 7 x 2 x 26 = 52.0 |
| Setup     | IMG / 0.0453 / 10_5_SAM |

<table>
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| Template | VISIR_img_cal_SamAutoNod |
| Data Product | CALIB/STD/IMAGE,PUPIL |
| Airmass   | 1.323       |
| Seeing    | 1.01        |
| Chopping  | F/null/null/null/PARALLEL |
| Exposure  | 0.008728 x 1000 x 2 x 26 = 8.737448 |
| Setup     | IMG / 0.0453 / ARIII |

<table>
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<tr>
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<tr>
<td>VISIR_IMG_CAL080_0016.fits</td>
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</table>
Name: STD1-HD92305_SAM
Target: HD92305
PI: E. Pantin
Run: 60.A-9632(A)
Container: Concatenation 1361559
Public Comments: Conditions very good. Execution without any problems. Nodding changed to perpendicular in observing template.

20 Mar 08:03 - Paranal Observatory
OB re-classification for VISIR SV
21 Mar 12:02

Files produced and additional information

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**Template**: VISIR_img_acq_MoveToSam

**Data Product**: ACQUISITION/OBJECT/IMAGE, CHOPNOD

**Airmass**: 1.851
**Seeing**: 1.18
**Chopping**: T/4.0/0.0/8.0/PARALLEL
**Exposure**: 0.025 x 4 x 2 x 150 = 37.5
**Setup**: IMG / 0.0453 / PAH1

<table>
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**Template**: VISIR_img_acq_MoveToSam

**Data Product**: ACQUISITION/OBJECT/IMAGE, PUPIL

**Airmass**: 1.851
**Seeing**: 1.18
**Chopping**: F/null/null/null/PARALLEL
**Exposure**: 0.008728 x 1000 x 2 x 150 = 8.737448
**Setup**: IMG / 0.0453 / ARIII

<table>
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<tr>
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<th>Archive Filename</th>
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<tbody>
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</table>

**Template**: VISIR_img_cal_SamAutoNod

**Data Product**: CALIB/STD/SAM, CHOPNOD, JITTER

**Airmass**: 1.851
**Seeing**: 1.18
**Chopping**: T/0.5/0.0/8.0/PERPENDICU
**Exposure**: 0.125 x 7 x 2 x 21 = 42.0
**Setup**: IMG / 0.0453 / 10_5_SAM

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### Data Product
- **Template**: VISIR_img_cal_SamAutoNod
- **Data Product**: CALIB/STD/IMAGE,PUPIL

### Airmass
- **Airmass**: 1.851

### Seeing
- **Seeing**: 1.18

### Chopping
- **Chopping**: F/null/null/null/PERPENDICU

### Exposure
- **Exposure**: 0.008728 x 1000 x 2 x 21 = 8.737448

### Setup
- **Setup**: IMG / 0.0453 / ARIII

### Original Filename | Archive Filename
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| VISIR_IMG_CAL080_0033.fits | VISIR.2016-03-20T06:36:02.780 |
| VISIR_IMG_CAL080_0034.fits | VISIR.2016-03-20T06:36:52.654 |
| VISIR_IMG_CAL080_0035.fits | VISIR.2016-03-20T06:37:28.639 |
| VISIR_IMG_CAL080_0036.fits | VISIR.2016-03-20T06:39:08.351 |
| VISIR_IMG_CAL080_0037.fits | VISIR.2016-03-20T06:40:28.379 |
| VISIR_IMG_CAL080_0038.fits | VISIR.2016-03-20T06:41:21.346 |
| VISIR_IMG_CAL080_0039.fits | VISIR.2016-03-20T06:42:07.325 |
| VISIR_IMG_CAL080_0040.fits | VISIR.2016-03-20T06:42:46.355 |
| VISIR_IMG_CAL080_0041.fits | VISIR.2016-03-20T06:43:32.330 |
| VISIR_IMG_CAL080_0042.fits | VISIR.2016-03-20T06:44:14.339 |
| VISIR_IMG_CAL080_0043.fits | VISIR.2016-03-20T06:44:58.352 |
| VISIR_IMG_CAL080_0044.fits | VISIR.2016-03-20T06:45:43.343 |
| VISIR_IMG_CAL080_0045.fits | VISIR.2016-03-20T06:46:29.351 |
| VISIR_IMG_CAL080_0046.fits | VISIR.2016-03-20T06:47:13.343 |
| VISIR_IMG_CAL080_0047.fits | VISIR.2016-03-20T06:47:57.402 |

### Status
- **OB 1361563 | 06:49:21 > 07:43:27 | 00:54:06 | Mode: Commissioning | Loss: No Loss | Status X > C | Grade A

### Instrument
- **Instrument**: VISIR

### Target
- **Target**: SCI-HD100546_SAM

### PI
- **PI**: E. Pantin

### Run
- **Run**: 60.A-9632(A)

### Container
- **Container**: Concatenation 1361559

### Public Comments
- **Public Comments**: conditions very good. Execution without any problems. Nodding changed to perpendicular in observing template 20 Mar 08:51 - Paranal Observatory

### Files produced and additional information
- **OBS.ID**: 1361563
- **OBS.START**: 2016-03-20T06:49:21
- **Template**: VISIR_img_acq_MoveToSam
- **Data Product**: ACQUISITION/OBJECT/IMAGE,CHOPNOD
- **Airmass**: 1.573
- **Seeing**: 1.17
- **Chopping**: T/4.0/0.0/8.0/PARALLEL
- **Exposure**: 0.025 x 4 x 2 x 150 = 37.5
- **Setup**: IMG / 0.0453 / PAH1
Chopping          T/0.49985/0.0/10.0/PERPENDICU
Exposure          0.1429 x 6 x 2 x 19 = 38.0114
Setup             IMG / 0.0453 / 11_3_SAM

Original Filename Archive Filename
VISIR_IMG_OBS080_0030.fits  VISIR.2016-03-20T07:22:00.655
VISIR_IMG_OBS080_0031.fits  VISIR.2016-03-20T07:22:54.366
VISIR_IMG_OBS080_0032.fits  VISIR.2016-03-20T07:23:45.337
VISIR_IMG_OBS080_0033.fits  VISIR.2016-03-20T07:24:36.369
VISIR_IMG_OBS080_0034.fits  VISIR.2016-03-20T07:25:29.380
VISIR_IMG_OBS080_0035.fits  VISIR.2016-03-20T07:26:26.398
VISIR_IMG_OBS080_0036.fits  VISIR.2016-03-20T07:27:13.378
VISIR_IMG_OBS080_0037.fits  VISIR.2016-03-20T07:28:06.351
VISIR_IMG_OBS080_0038.fits  VISIR.2016-03-20T07:28:54.339
VISIR_IMG_OBS080_0039.fits  VISIR.2016-03-20T07:29:47.361
VISIR_IMG_OBS080_0040.fits  VISIR.2016-03-20T07:30:40.363
VISIR_IMG_OBS080_0041.fits  VISIR.2016-03-20T07:31:32.341
VISIR_IMG_OBS080_0042.fits  VISIR.2016-03-20T07:32:21.343
VISIR_IMG_OBS080_0043.fits  VISIR.2016-03-20T07:33:13.364
VISIR_IMG_OBS080_0044.fits  VISIR.2016-03-20T07:34:05.363
VISIR_IMG_OBS080_0045.fits  VISIR.2016-03-20T07:34:58.373
VISIR_IMG_OBS080_0046.fits  VISIR.2016-03-20T07:35:46.378
VISIR_IMG_OBS080_0047.fits  VISIR.2016-03-20T07:36:39.377
VISIR_IMG_OBS080_0048.fits  VISIR.2016-03-20T07:37:32.371
VISIR_IMG_OBS080_0049.fits  VISIR.2016-03-20T07:38:27.406
VISIR_IMG_OBS080_0050.fits  VISIR.2016-03-20T07:39:19.360
VISIR_IMG_OBS080_0051.fits  VISIR.2016-03-20T07:40:11.383
VISIR_IMG_OBS080_0052.fits  VISIR.2016-03-20T07:41:03.411
VISIR_IMG_OBS080_0053.fits  VISIR.2016-03-20T07:41:58.412

Template VISIR_img_obs_SamAutoNod
Data Product SCIENCE/OBJECT/IMAGE,PUPIL
Airmass     1.573
Seeing      1.17
Chopping   F/null/null/null/PERPENDICU
Exposure    0.008728 x 1000 x 2 x 19 = 8.737448
Setup       IMG / 0.0453 / ARIII

Original Filename Archive Filename
VISIR_IMG_OBS080_0054.fits  VISIR.2016-03-20T07:43:10.052

OB 1361567 | 07:43:33 > 08:16:53 | 00:33:20 | Mode: Commissioning | Loss: No Loss | Status X > C

Instrument VISIR
Name        STD2-HD108903_SAM
Target      HD108903
PI           E. Pantin
Run         60.A-9632(A)
Container   Concatenation 1361559

Public Comments conditions very good. Execution without any problems. Nodding changed to perpendicular in observing template
20 Mar 08:51 - Paranal Observatory

Files produced and additional information

OBS.ID 1361567
OBS.START 2016-03-20T07:43:33

Template VISIR_img_acq_MoveToSam
Data Product ACQUISITION/OBJECT/IMAGE,CHOPNOD
Airmass     1.337
Seeing      1.02
Chopping   T/4.0/0.0/8.0/PARALLEL
Exposure    0.025 x 4 x 2 x 150 = 37.5
Setup       IMG / 0.0453 / PAH1

Original Filename Archive Filename
VISIR_IMG_ACQ080_0025.fits  VISIR.2016-03-20T07:45:54.215
VISIR_IMG_ACQ080_0026.fits  VISIR.2016-03-20T07:46:42.398

Template VISIR_img_acq_MoveToSam
Data Product ACQUISITION/OBJECT/IMAGE,PUPIL
Airmass     1.337
Seeing 1.02
Chopping F/null/null/null/PARALLEL
Exposure 0.008728 x 1000 x 2 x 150 = 8.737448
Setup IMG / 0.0453 / ARIII

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Data Product ACQUISITION/OBJECT/IMAGE,CHOPNOD
Airmass 1.337
Seeing 1.02
Chopping F/null/null/null/PARALLEL
Exposure 0.008728 x 1000 x 2 x 150 = 8.737448
Setup IMG / 0.0453 / 10_5_SAM

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Data Product CALIB/STD/SAM,CHOPNOD,CHOPNOD
Airmass 1.337
Seeing 1.02
Chopping T/0.5/0.0/8.0/PERPENDICU
Exposure 0.125 x 7 x 2 x 21 = 42.0
Setup IMG / 0.0453 / 10_5_SAM

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Data Product CALIB/STD/IMAGE,PUPIL
Airmass 1.337
Seeing 1.02
Chopping F/null/null/null/PERPENDICU
Exposure 0.008728 x 1000 x 2 x 21 = 8.737448
Setup IMG / 0.0453 / ARIII

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**VISIR_IMG_CAL080_0077.fits** VISIR.2016-03-20T08:11:21.343
**VISIR_IMG_CAL080_0078.fits** VISIR.2016-03-20T08:12:03.337
**VISIR_IMG_CAL080_0079.fits** VISIR.2016-03-20T08:12:45.345
**VISIR_IMG_CAL080_0080.fits** VISIR.2016-03-20T08:13:28.345
**VISIR_IMG_CAL080_0081.fits** VISIR.2016-03-20T08:14:08.368
**VISIR_IMG_CAL080_0082.fits** VISIR.2016-03-20T08:14:50.342
**VISIR_IMG_CAL080_0083.fits** VISIR.2016-03-20T08:15:31.351

**Template** VISIR_img_cal_SamAutoNod

**Data Product** CALIB/STD/IMAGE,PUPIL

**Airmass** 1.337

**Seeing** 1.02

**Chopping** F/null/null/null/PERPENDICU

**Exposure** 0.008728 x 1000 x 2 x 15 = 8.737448

**Setup** IMG / 0.0453 / ARIII

**Original Filename** Archive Filename
VISIR_IMG_CAL080_0084.fits VISIR.2016-03-20T08:16:34.007

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**OB 1357956 | 08:16:57 > 08:40:35 | 00:23:38 | Mode: Commissioning | Loss: No Loss | Status X > M | Grade X**

**Instrument** VISIR

**Name** CAL_NGC5506_PAH2_2_before_HD121523

**Target** HD121523

**PI** Daniel Asmus

**Run** 60.A-9629(A)

**Container** Concatenation 1357952

**Public Comments** filter changed to J8.9. Aborted after the first observing template to allow for observing time critical service mode OB.

20 Mar 09:23 - Paranal Observatory

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**Files produced and additional information**

**OBS.ID** 1357956

**OBS.START** 2016-03-20T08:16:57

**Template** VISIR_img_cal_BurstAutoChopNod

**Data Product** CALIB/STD/IMAGE,BURST,CHOPNOD,JITTER

**Airmass** 1.165

**Seeing** 0.87

**Chopping** T/4.0/0.0/8.0/PERPENDICU

**Exposure** 0.0125 x 7 x 2 x 286 = 71.5

**Setup** IMG / 0.0453 / J8.9

**Original Filename** Archive Filename
VISIR_IMG_CAL_BURST080_0001.fits VISIR.2016-03-20T08:20:02.936
VISIR_IMG_CAL_BURST080_0002.fits VISIR.2016-03-20T08:21:31.363
VISIR_IMG_CAL_BURST080_0003.fits VISIR.2016-03-20T08:23:00.370
VISIR_IMG_CAL_BURST080_0004.fits VISIR.2016-03-20T08:24:27.353
VISIR_IMG_CAL_BURST080_0005.fits VISIR.2016-03-20T08:25:59.347
VISIR_IMG_CAL_BURST080_0006.fits VISIR.2016-03-20T08:27:25.349
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VISIR_IMG_CAL_BURST080_0008.fits VISIR.2016-03-20T08:30:14.356
VISIR_IMG_CAL_BURST080_0009.fits VISIR.2016-03-20T08:31:44.342
VISIR_IMG_CAL_BURST080_0010.fits VISIR.2016-03-20T08:33:11.337
VISIR_IMG_CAL_BURST080_0011.fits VISIR.2016-03-20T08:34:35.370
VISIR_IMG_CAL_BURST080_0012.fits VISIR.2016-03-20T08:36:02.377
VISIR_IMG_CAL_BURST080_0013.fits VISIR.2016-03-20T08:37:29.367
VISIR_IMG_CAL_BURST080_0014.fits VISIR.2016-03-20T08:38:53.384

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**OB 1357953 | 08:40:36 > 09:02:43 | 00:22:05 | Mode: Commissioning | Loss: No Loss | Status A | Grade**

**Instrument** VISIR

**Name** SCI_NGC5506_PAH2_2

**Target** NGC5506

**PI** Daniel Asmus

**Run** 60.A-9629(A)

**Container** Concatenation 1357952

**Public Comments** filter changed to J8.9. Aborted after the first observing template to allow for observing time critical service mode OB.

20 Mar 09:23 - Paranal Observatory

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**Files produced and additional information**
OBS.ID 1357953
OBS.START 2016-03-20T08:40:38

Template VISIR_img_obs_BurstAutoChopNod
Data Product SCIENCE/OBJECT/IMAGE,BURST,CHOPNOD,JITTER
Airmass 1.18
Seeing 0.89
Chopping T/4.0/0.0/8.0/PERPENDICU
Exposure 0.0125 x 7 x 2 x 286 = 71.5
Setup IMG / 0.0453 / J8.9

Original Filename Archive Filename
VISIR_IMG_OBS_BURST080_0001.fits VISIR.2016-03-20T08:42:17.734
VISIR_IMG_OBS_BURST080_0002.fits VISIR.2016-03-20T08:43:391
VISIR_IMG_OBS_BURST080_0003.fits VISIR.2016-03-20T08:45:09.371
VISIR_IMG_OBS_BURST080_0004.fits VISIR.2016-03-20T08:46:36.377
VISIR_IMG_OBS_BURST080_0005.fits VISIR.2016-03-20T08:48:01.384
VISIR_IMG_OBS_BURST080_0006.fits VISIR.2016-03-20T08:49:27.351
VISIR_IMG_OBS_BURST080_0007.fits VISIR.2016-03-20T08:50:52.334
VISIR_IMG_OBS_BURST080_0008.fits VISIR.2016-03-20T08:52:16.333
VISIR_IMG_OBS_BURST080_0009.fits VISIR.2016-03-20T08:53:42.344
VISIR_IMG_OBS_BURST080_0010.fits VISIR.2016-03-20T08:55:08.378
VISIR_IMG_OBS_BURST080_0011.fits VISIR.2016-03-20T08:56:41.380
VISIR_IMG_OBS_BURST080_0012.fits VISIR.2016-03-20T08:58:12.346
VISIR_IMG_OBS_BURST080_0013.fits VISIR.2016-03-20T08:59:34.354
VISIR_IMG_OBS_BURST080_0014.fits VISIR.2016-03-20T09:01:30.359

OB 1356495 | 09:02:54 > 09:10:13 | 00:07:19 | Mode: Commissioning | Loss: No Loss | Status A

Instrument VISIR
Name MOV_IMG_SATURN
Target Saturn
PI Leigh Fletcher
Run 60.A-9620(A)

Files produced and additional information

OBS.ID 1356495
OBS.START 2016-03-20T09:02:54

Template VISIR_img_acq_MoveToPixel
Data Product ACQUISITION/OBJECT/IMAGE,CHOPNOD
Airmass 1.017
Seeing 0.92
Chopping T/3.004807/41.5/20.0/PARALLEL
Exposure 0.0208 x 6 x 2 x 60 = 19.968
Setup IMG / 0.0453 / M-BAND

Original Filename Archive Filename
VISIR_IMG_ACQ080_0029.fits VISIR.2016-03-20T09:06:47.182
VISIR_IMG_ACQ080_0030.fits VISIR.2016-03-20T09:07:19.362

Template VISIR_img_obs_BurstAutoChopNod
Data Product SCIENCE/OBJECT/IMAGE,BURST,CHOPNOD,JITTER
Airmass 1.017
Seeing 0.92
Chopping T/3.004807/86.5/25.0/PARALLEL
Exposure 0.0208 x 6 x 2 x 60 = 19.968
Setup IMG / 0.0453 / M-BAND

Original Filename Archive Filename
VISIR_IMG_OBS_BURST080_0015.fits VISIR.2016-03-20T09:09:29.829

OB 1356495 | 09:10:51 > 09:11:44 | 00:00:53 | Mode: Commissioning | Loss: No Loss | Status A

Instrument VISIR
Name MOV_IMG_SATURN
Target Saturn
PI Leigh Fletcher
Run 60.A-9620(A)
Files produced and additional information

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Instrument | VISIR |
Name | MOV_IMG_SATURN |
Target | Saturn |
PI | Leigh Fletcher |
Run | 60.A-9620(A) |

Public Comments | chopping angle change to 0 to chop perpendicular to the poles. Chopping throw increased to 25arcsec. OB successfully completed. |
20 Mar 09:27 - Paranal Observatory |
| OB re-classification for VISIR SV |
| 21 Mar 12:05 |

Files produced and additional information

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Instrument | VISIR |
Name | IGRJ17091-epoch1 |
Target | IGR J17091-3624 |
PI | D. Russell |
Run | 096.D-0467(A) |

Public Comments | source not clearly detected in any of the two filters. PWV ~6mm but sensitivity photometric according to STD taken directly after. We thus classify B (J8.9 and PAH2_2 are unaffected by PWV) |
20 Mar 10:16 - Paranal Observatory 
Airmass 1.032
Seeing 0.72
Chopping T/4.0/0.0/8.0/PERPENDICU
Exposure 0.0125 x 7 x 2 x 257 = 64.25
Setup IMG / 0.0453 / J8.9

Template VISIR_img_obs_AutoChopNod
Data Product SCIENCE/OBJECT/IMAGE,CHOPNOD,JITTER
Airmass 1.032
Seeing 0.72
Chopping T/4.0/0.0/8.0/PERPENDICU
Exposure 0.0208 x 4 x 2 x 270 = 67.392
Setup IMG / 0.0453 / PAH2_2

Template VISIR_img_cal_AutoChopNod
Data Product CALIB/STD/IMAGE,CHOPNOD
Airmass 1.12
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<td>VISIR_IMG_CAL080_0086.fits</td>
<td>VISIR.2016-03-20T10:13:26.409</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Template</th>
<th>Data Product</th>
<th>Airmass</th>
<th>Seeing</th>
</tr>
</thead>
<tbody>
<tr>
<td>VISIR_img_cal_AutoChopNod</td>
<td>CALIB/STD/IMAGE,CHOPNOD</td>
<td>1.12</td>
<td>1.31</td>
</tr>
<tr>
<td>Exposure</td>
<td>0.0208 x 4 x 2 x 181 = 45.1776</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Setup</td>
<td>IMG / 0.0453 / PAH2_2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Original Filename</th>
<th>Archive Filename</th>
</tr>
</thead>
<tbody>
<tr>
<td>VISIR_IMG_CAL080_0087.fits</td>
<td>VISIR.2016-03-20T10:14:59.739</td>
</tr>
<tr>
<td>VISIR_IMG_CAL080_0088.fits</td>
<td>VISIR.2016-03-20T10:15:58.394</td>
</tr>
</tbody>
</table>

**OB Grades**

A: Fully within constraints - OB completed
B: Mostly within constraints, some constraint is ~10% violated - OB completed
C: Out of constraints - OB must be repeated
D: Out of constraints - OB considered completed
X: Uncertain / Not Applicable
_ _: no grade assigned

**Tickets**

c: created during the given night report
(m): modified during the given night report