

## UT3 Visitor Telescope Report 23 / 24-Feb-2016



Report generated Mar 7 2016 09:08 UTC

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### Night Statistics

**Report Interval** 23 Feb 16:00 - 24 Feb 16:00 UT  
**Night Time** 24 Feb 00:35 - 24 Feb 09:15 UT  
**Night Length** 08:39  
**Evening Twilight** 23 Feb 23:24 - 24 Feb 00:35 UT  
**Morning Twilight** 24 Feb 09:15 - 24 Feb 10:26 UT

### Common Staff

**Day Shift Coordinators** George Hau  
**Day Time Astronomers** Jonathan Smoker  
Andra Stroe  
**Night Shift Coordinators** Konrad Tristram  
**Operation Specialists** Carlos La Fuente  
Lorena Faundez  
**Weather Officers** Francisco Labrana

### Telescope Staff

**Night Astronomers** Julien Milli  
**Telescope Operators** Julio Navarrete  
**Visiting Astronomers**

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## Weather

### General Weather Conditions

**Seeing**

**Humidity**

**Wind**

**Temperature**

**Overall Comment**

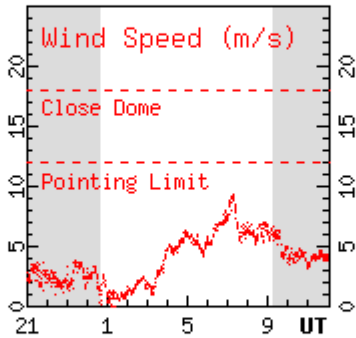
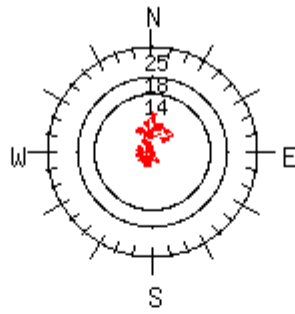
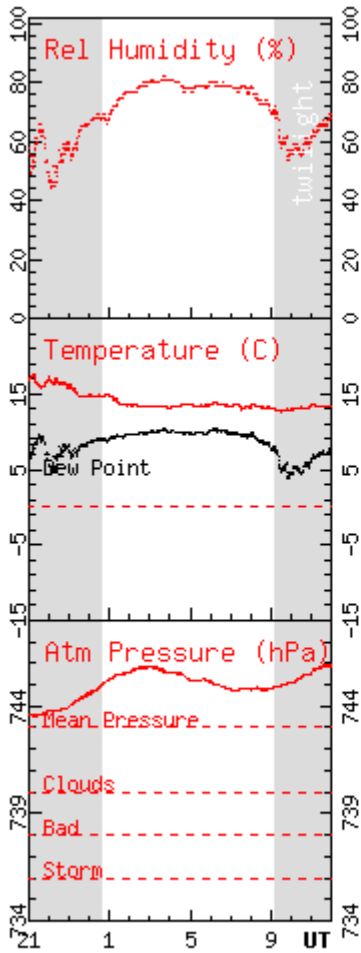
### Weather Observations

Time	Conditions	Comment
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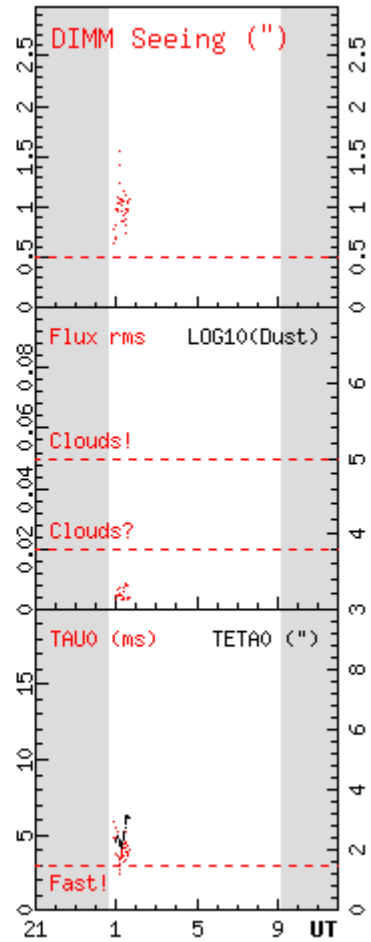
23:55	HU TN	Starting the night with some Thin clouds above 30 degrees and humidity 60% - <i>Paranal Observatory</i>
01:18	HU	Telescopes closed Humidity above 70 % - <i>Paranal Observatory</i>

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



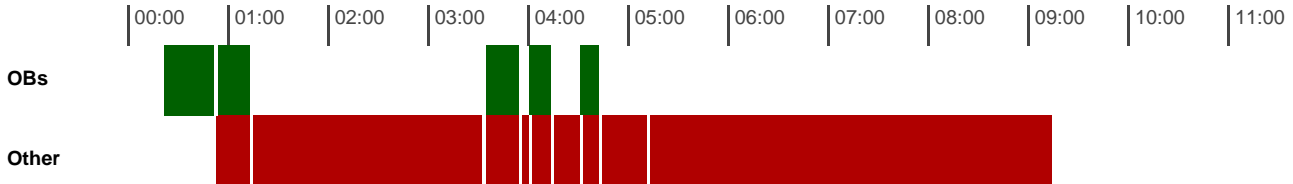
Ambient conditions for  
Paranal  
on the night of  
Tue, February 23, 2016  
Night begin: 00:35 UT  
end: 09:15 UT



ESO - Ambient Conditions Database

<http://archive.eso.org/asm/ambient-server>

### Timeline



### Time Accounting

#### Total Time

Instrument	Mode	Time spent
VISIR	Service	08:39:48



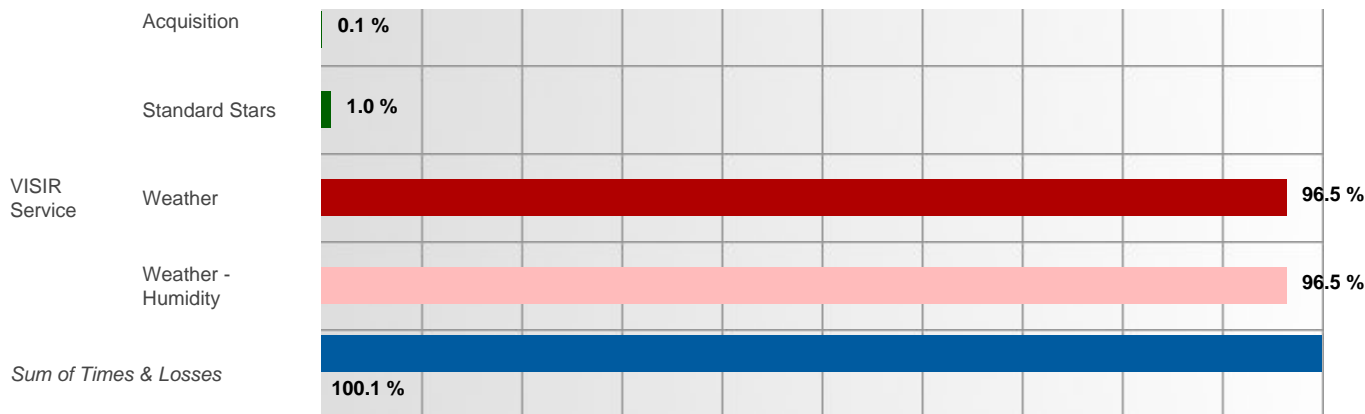
#### Instrument Times

Instrument	Mode	Science	Acquisition	Calibration	Standard
VISIR	Service	00:13:10	00:00:29	00:00:00	00:04:59

#### Total Losses

Instrument	Mode	Technical	Misc	Execution	Preparation	Idle	Weather
VISIR	Service	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	08:21:26
							C:00:00:00 H:08:21:26 W:00:00:00 S:00:00:00 E:00:00:00 O:00:00:00





Percentages are relative to the night duration of 08:39. 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

#### Time Comment

14:50 VISIR Science verification  
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- Paranal Observatory

### Public Comments

#### Time Comment

## Summary of Data

### Daytime Calibrations

OB ID	from > to	Duration	Run ID	Instrument	OB Name	Grade	Mode
200155281	21:46:38 > 22:08:16	00:21:38	60.A-9050(A)	VIMOS	VIMOS Focus Check	X	Service
1356651	22:46:39 > 22:48:41	00:02:02	60.A-9621(A)	VISIR	EmptySkyBackground_night1	_	Service
1356651	22:57:01 > 23:10:31	00:13:30	60.A-9621(A)	VISIR	EmptySkyBackground_night1	_	Service
200147008	08:34:30 > 08:34:56	00:00:26	60.A-9234(A)	VISIR	Calibration	_	Service
200127566	08:34:36 > 13:06:45	04:32:09	60.A-9050(A)	VIMOS	Calibrations	X	Service
200147008	08:36:05 > 08:44:12	00:08:07	60.A-9234(A)	VISIR	Calibration	X	Service

### Nighttime Observations

OB ID	from > to	Duration	Run ID	Instrument	OB Name	Loss Type	Grade	Mode
1356651	23:11:24 > 23:43:09	00:31:45	60.A-9621(A)	VISIR	EmptySkyBackground_night1	No Loss	_	Commissioning
200353532	23:43:41 > 23:53:59	00:10:18	60.A-9234(A)	VISIR	STD_ima_HD033554_9.5Jy	No Loss	_	Service
200353532	23:55:05 > 00:13:23	00:18:18	60.A-9234(A)	VISIR	STD_ima_HD033554_9.5Jy	No Loss	_	Service
1356574	00:14:59 > 00:22:06	00:07:07	60.A-9626(A)	VISIR	MOV_379Huenna_1	No Loss	_	Service
1356574	00:22:30 > 00:52:20	00:29:50	60.A-9626(A)	VISIR	MOV_379Huenna_1	No Loss	_	Service
1356574	00:52:55 > 00:53:14	00:00:19	60.A-9626(A)	VISIR	MOV_379Huenna_1	No Loss	_	Service
1356574	00:53:34 > 01:14:16	00:20:42	60.A-9626(A)	VISIR	MOV_379Huenna_1	W:Hum	_	Service
1252629	03:32:56 > 03:32:57	00:00:01	096.C-0118(A)	VISIR	CAL_VZCHA_HCN_R12_3	W:Hum	_	Service
1252629	03:33:54 > 03:33:55	00:00:01	096.C-0118(A)	VISIR	CAL_VZCHA_HCN_R12_3	W:Hum	_	Service
1252629	03:34:26 > 03:55:16	00:20:50	096.C-0118(A)	VISIR	CAL_VZCHA_HCN_R12_3	W:Hum	_	Service
1252629	04:01:12 > 04:14:49	00:13:37	096.C-0118(A)	VISIR	CAL_VZCHA_HCN_R12_3	W:Hum	_	Service
1252629	04:31:50 > 04:43:18	00:11:28	096.C-0118(A)	VISIR	CAL_VZCHA_HCN_R12_3	W:Hum	_	Service
1252629	05:12:06 > 05:12:07	00:00:01	096.C-0118(A)	VISIR	CAL_VZCHA_HCN_R12_3	W:Hum	_	Service

### Nighttime Losses

Loss	from > to	Duration	Run ID	Instrument	OB Name	Loss Type	Grade	Mode
OB 1356574	00:53:34 > 01:14:16	00:20:42	60.A-9626(A)	VISIR	MOV_379Huenna_1	W:Hum	_	Service
Downtime	01:14:16 > 03:32:56	02:18:40		VISIR		W:Hum		Service
	Telescopes closed because of humidity. 24 Feb 09:02 - Paranal Observatory							
OB 1252629	03:32:56 > 03:32:57	00:00:01	096.C-0118(A)	VISIR	CAL_VZCHA_HCN_R12_3	W:Hum	_	Service
OB 1252629	03:33:54 > 03:33:55	00:00:01	096.C-0118(A)	VISIR	CAL_VZCHA_HCN_R12_3	W:Hum	_	Service
OB 1252629	03:34:26 > 03:55:16	00:20:50	096.C-0118(A)	VISIR	CAL_VZCHA_HCN_R12_3	W:Hum	_	Service
Downtime	03:55:16 > 04:01:12	00:05:56		VISIR		W:Hum		Service
OB 1252629	04:01:12 > 04:14:49	00:13:37	096.C-0118(A)	VISIR	CAL_VZCHA_HCN_R12_3	W:Hum	_	Service
Downtime	04:14:49 > 04:31:50	00:17:01		VISIR		W:Hum		Service

OB 1252629 | 04:31:50 > 04:43:18 | 00:11:28 | 096.C-0118(A) | VISIR | CAL\_VZCHA\_HCN\_R12\_3 | W:Hum | \_ | Service  
Downtime | 04:43:18 > 05:12:06 | 00:28:48 | VISIR | W:Hum | Service  
OB 1252629 | 05:12:06 > 05:12:07 | 00:00:01 | 096.C-0118(A) | VISIR | CAL\_VZCHA\_HCN\_R12\_3 | W:Hum | \_ | Service  
Downtime | 05:12:07 > 09:15:00 | 04:02:53 | VISIR | W:Hum | Service

**NoLoss Downtime Slots**

**Slot** from > to **Duration** **Run ID** **Instrument** **OB Name** **Loss Type** **Grade** **Mode**

**Daytime Calibrations**

**OB 200155281** | 21:46:38 > 22:08:16 | 00:21:38 | Mode: Service | Loss: No Loss | Status X > M Grade X

**Instrument** VIMOS  
**Name** VIMOS Focus Check  
**Target**  
**PI** VIMOS team  
**Run** 60.A-9050(A)  
**Container** -

**Public Comments**

**Files produced and additional information**

**OBS.ID** 200155281  
**OBS.START** 2016-02-23T21:46:38  
**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
VIMOS_IMG_AFC054_0001_A.2.fits	VIMOS.2016-02-23T22:00:50.252	Free	R	cal_05s_pinhole-2mod2.adp	0.55 e-/adu	1.999
VIMOS_IMG_AFC054_0001_A.3.fits	VIMOS.2016-02-23T22:00:50.253	Free	R	cal_05s_pinhole-3mod2.adp	0.56 e-/adu	1.999
VIMOS_IMG_AFC054_0001_B.4.fits	VIMOS.2016-02-23T22:00:50.352	Free	R	cal_05s_pinhole-4mod2.adp	0.54 e-/adu	2.001
VIMOS_IMG_AFC054_0001_B.1.fits	VIMOS.2016-02-23T22:00:50.353	Free	R	cal_05s_pinhole-1mod2.adp	0.53 e-/adu	2.001
VIMOS_IMG_AFC054_0002_B.4.fits	VIMOS.2016-02-23T22:01:25.276	Free	R	cal_05s_pinhole-4mod2.adp	0.54 e-/adu	1.999
VIMOS_IMG_AFC054_0002_B.1.fits	VIMOS.2016-02-23T22:01:25.275	Free	R	cal_05s_pinhole-1mod2.adp	0.53 e-/adu	1.999
VIMOS_IMG_AFC054_0002_A.3.fits	VIMOS.2016-02-23T22:01:25.278	Free	R	cal_05s_pinhole-3mod2.adp	0.56 e-/adu	2.0
VIMOS_IMG_AFC054_0002_A.2.fits	VIMOS.2016-02-23T22:01:25.277	Free	R	cal_05s_pinhole-2mod2.adp	0.55 e-/adu	2.0
VIMOS_IMG_AFC054_0003_A.2.fits	VIMOS.2016-02-23T22:01:59.161	Free	R	cal_05s_pinhole-2mod2.adp	0.55 e-/adu	1.999
VIMOS_IMG_AFC054_0003_A.3.fits	VIMOS.2016-02-23T22:01:59.162	Free	R	cal_05s_pinhole-3mod2.adp	0.56 e-/adu	1.999
VIMOS_IMG_AFC054_0003_B.1.fits	VIMOS.2016-02-23T22:01:59.169	Free	R	cal_05s_pinhole-1mod2.adp	0.53 e-/adu	1.999
VIMOS_IMG_AFC054_0003_B.4.fits	VIMOS.2016-02-23T22:01:59.170	Free	R	cal_05s_pinhole-4mod2.adp	0.54 e-/adu	1.999

**Template** VIMOS\_img\_tec\_MaskToCcd  
**Data Product** CALIB/LAMP,OTHER/IMAGE  
**CCD** 225kHz,1port,LG/1x1/2048x2440  
**Lamps** QTH10

Original Filename	Archive Filename	Grism	Filter	INS.ADF.ID	DET.OUT1.CONAD	EXPTIME
VIMOS_IMG_OTHER054_0001_B.1.fits	VIMOS.2016-02-23T22:02:26.112	Free	R	cal_05s_pinhole-1mod2.adp	1.75 e-/adu	1.0
VIMOS_IMG_OTHER054_0001_B.4.fits	VIMOS.2016-02-23T22:02:26.113	Free	R	cal_05s_pinhole-4mod2.adp	1.79 e-/adu	1.0
VIMOS_IMG_OTHER054_0001_A.3.fits	VIMOS.2016-02-23T22:02:26.116	Free	R	cal_05s_pinhole-3mod2.adp	1.81 e-/adu	1.0
VIMOS_IMG_OTHER054_0001_A.2.fits	VIMOS.2016-02-23T22:02:26.115	Free	R	cal_05s_pinhole-2mod2.adp	1.81 e-/adu	1.0

**OB 1356651** | 22:46:39 > 22:48:41 | 00:02:02 | Mode: Service | Loss: No Loss | Status A Grade \_

**Instrument** VISIR  
**Name** EmptySkyBackground\_night1  
**Target** Empty Sky  
**PI** Florian Kerber  
**Run** 60.A-9621(A)  
**Container** -

**Public Comments**

**Files produced and additional information**

**OBS.ID** 1356651  
**OBS.START** 2016-02-23T22:46:39  
**Template** VISIR\_img\_obs\_BurstAutoChopNod  
**Data Product** TEST/OBJECT/IMAGE,BURST,CHOPNOD  
**Airmass**  
**Seeing**  
**Chopping** null/null/null/null/PERPENDICU  
**Exposure** 0.0208 x 6 x 2 x 80 = 26.624

Setup IMG / 0.0453 / M-BAND

Original Filename Archive Filename

VISIR\_IMG\_TEST\_BURST054\_0001.fits VISIR.2016-02-23T22:46:50.844  
VISIR\_IMG\_TEST\_BURST054\_0002.fits VISIR.2016-02-23T22:47:27.107  
VISIR\_IMG\_TEST\_BURST054\_0003.fits VISIR.2016-02-23T22:48:05.134

OB 1356651 | 22:57:01 > 23:10:31 | 00:13:30 | Mode: Service | Loss: No Loss | Status A

Grade \_

Instrument VISIR  
Name EmptySkyBackground\_night1  
Target Empty Sky  
PI Florian Kerber  
Run 60.A-9621(A)  
Container -  
Public Comments

Files produced and additional information

OBS.ID 1356651  
OBS.START 2016-02-23T22:57:01  
Template VISIR\_img\_obs\_BurstAutoChopNod  
Data Product SCIENCE/OBJECT/IMAGE,BURST,CHOPNOD  
Airmass  
Seeing  
Chopping null/null/null/null/PERPENDICU  
Exposure 0.0098 x 14 x 2 x 36 = 11.9952  
Setup IMG / 0.0453 / M-BAND

Original Filename Archive Filename

VISIR\_IMG\_OBS\_BURST054\_0001.fits VISIR.2016-02-23T22:57:14.719  
VISIR\_IMG\_OBS\_BURST054\_0002.fits VISIR.2016-02-23T22:57:52.135  
VISIR\_IMG\_OBS\_BURST054\_0003.fits VISIR.2016-02-23T22:58:29.966  
VISIR\_IMG\_OBS\_BURST054\_0004.fits VISIR.2016-02-23T22:59:06.731  
VISIR\_IMG\_OBS\_BURST054\_0005.fits VISIR.2016-02-23T22:59:42.805  
VISIR\_IMG\_OBS\_BURST054\_0006.fits VISIR.2016-02-23T23:00:19.433  
VISIR\_IMG\_OBS\_BURST054\_0007.fits VISIR.2016-02-23T23:00:55.642  
VISIR\_IMG\_OBS\_BURST054\_0008.fits VISIR.2016-02-23T23:01:32.718  
VISIR\_IMG\_OBS\_BURST054\_0009.fits VISIR.2016-02-23T23:02:08.684  
VISIR\_IMG\_OBS\_BURST054\_0010.fits VISIR.2016-02-23T23:02:45.084  
VISIR\_IMG\_OBS\_BURST054\_0011.fits VISIR.2016-02-23T23:03:21.886  
VISIR\_IMG\_OBS\_BURST054\_0012.fits VISIR.2016-02-23T23:03:58.049  
VISIR\_IMG\_OBS\_BURST054\_0013.fits VISIR.2016-02-23T23:04:34.237  
VISIR\_IMG\_OBS\_BURST054\_0014.fits VISIR.2016-02-23T23:05:09.303  
VISIR\_IMG\_OBS\_BURST054\_0015.fits VISIR.2016-02-23T23:05:53.744  
VISIR\_IMG\_OBS\_BURST054\_0016.fits VISIR.2016-02-23T23:06:30.085

OB 200147008 | 08:34:30 > 08:34:56 | 00:00:26 | Mode: Service | Loss: No Loss | Status A

Grade \_

Instrument VISIR  
Name Calibration  
Target  
PI Siebenmorgen  
Run 60.A-9234(A)  
Container -  
Public Comments

Files produced and additional information

No files produced

OB 200127566 | 08:34:36 > 13:06:45 | 04:32:09 | Mode: Service | Loss: No Loss | Status X > M

Grade X

Instrument VIMOS  
Name Calibrations  
Target  
PI VIMOS team  
Run 60.A-9050(A)  
Container -  
Public Comments

Files produced and additional information

OBS.ID 200127566

OBS.START 2016-02-24T08:34:36

Template VIMOS\_img\_cal\_Dark

Data Product CALIB/BIAS/IMAGE

CCD 225kHz,1port,LG/1x1/2048x2440

Lamps

Original Filename	Archive Filename	Filter	DET.OUT1.CONAD	EXPTIME
VIMOS_IMG_BIAS055_0001_B.4.fits	VIMOS.2016-02-24T08:34:55.251	Free	1.79 e-/adu	0.0
VIMOS_IMG_BIAS055_0001_B.1.fits	VIMOS.2016-02-24T08:34:55.252	Free	1.75 e-/adu	0.0
VIMOS_IMG_BIAS055_0001_A.3.fits	VIMOS.2016-02-24T08:34:55.259	Free	1.81 e-/adu	0.0
VIMOS_IMG_BIAS055_0001_A.2.fits	VIMOS.2016-02-24T08:34:55.258	Free	1.81 e-/adu	0.0
VIMOS_IMG_BIAS055_0002_B.4.fits	VIMOS.2016-02-24T08:35:32.286	Free	1.79 e-/adu	0.0
VIMOS_IMG_BIAS055_0002_B.1.fits	VIMOS.2016-02-24T08:35:32.285	Free	1.75 e-/adu	0.0
VIMOS_IMG_BIAS055_0002_A.2.fits	VIMOS.2016-02-24T08:35:32.294	Free	1.81 e-/adu	0.0
VIMOS_IMG_BIAS055_0002_A.3.fits	VIMOS.2016-02-24T08:35:32.293	Free	1.81 e-/adu	0.0
VIMOS_IMG_BIAS055_0003_A.2.fits	VIMOS.2016-02-24T08:36:09.327	Free	1.81 e-/adu	0.0
VIMOS_IMG_BIAS055_0003_A.3.fits	VIMOS.2016-02-24T08:36:09.328	Free	1.81 e-/adu	0.0
VIMOS_IMG_BIAS055_0003_B.4.fits	VIMOS.2016-02-24T08:36:09.330	Free	1.79 e-/adu	0.0
VIMOS_IMG_BIAS055_0003_B.1.fits	VIMOS.2016-02-24T08:36:09.329	Free	1.75 e-/adu	0.0
VIMOS_IMG_BIAS055_0004_A.3.fits	VIMOS.2016-02-24T08:36:46.352	Free	1.81 e-/adu	0.0
VIMOS_IMG_BIAS055_0004_A.2.fits	VIMOS.2016-02-24T08:36:46.353	Free	1.81 e-/adu	0.0
VIMOS_IMG_BIAS055_0004_B.1.fits	VIMOS.2016-02-24T08:36:46.355	Free	1.75 e-/adu	0.0
VIMOS_IMG_BIAS055_0004_B.4.fits	VIMOS.2016-02-24T08:36:46.354	Free	1.79 e-/adu	0.0
VIMOS_IMG_BIAS055_0005_A.2.fits	VIMOS.2016-02-24T08:37:23.377	Free	1.81 e-/adu	0.0
VIMOS_IMG_BIAS055_0005_A.3.fits	VIMOS.2016-02-24T08:37:23.378	Free	1.81 e-/adu	0.0
VIMOS_IMG_BIAS055_0005_B.4.fits	VIMOS.2016-02-24T08:37:23.380	Free	1.79 e-/adu	0.0
VIMOS_IMG_BIAS055_0005_B.1.fits	VIMOS.2016-02-24T08:37:23.379	Free	1.75 e-/adu	0.0

Template VIMOS\_spec\_cal\_Dark

Data Product CALIB/BIAS/IMAGE

CCD 225kHz,1port,HG/1x1/2048x4096

Lamps

Original Filename	Archive Filename	Grism	Filter	INS.ADF.ID	DET.OUT1.CONAD	EXPTIME
VIMOS_SPEC_BIAS055_0001_B.1.fits	VIMOS.2016-02-24T08:38:20.754	Free	Free		0.55 e-/adu	0.0
VIMOS_SPEC_BIAS055_0001_B.4.fits	VIMOS.2016-02-24T08:38:20.757	Free	Free		0.57 e-/adu	0.0
VIMOS_SPEC_BIAS055_0001_A.3.fits	VIMOS.2016-02-24T08:38:20.755	Free	Free		0.56 e-/adu	0.0
VIMOS_SPEC_BIAS055_0001_A.2.fits	VIMOS.2016-02-24T08:38:20.756	Free	Free		0.6 e-/adu	0.0
VIMOS_SPEC_BIAS055_0002_B.1.fits	VIMOS.2016-02-24T08:39:11.880	Free	Free		0.55 e-/adu	0.0
VIMOS_SPEC_BIAS055_0002_B.4.fits	VIMOS.2016-02-24T08:39:11.879	Free	Free		0.57 e-/adu	0.0
VIMOS_SPEC_BIAS055_0002_A.2.fits	VIMOS.2016-02-24T08:39:11.881	Free	Free		0.6 e-/adu	0.0
VIMOS_SPEC_BIAS055_0002_A.3.fits	VIMOS.2016-02-24T08:39:11.882	Free	Free		0.56 e-/adu	0.0
VIMOS_SPEC_BIAS055_0003_A.3.fits	VIMOS.2016-02-24T08:40:02.918	Free	Free		0.56 e-/adu	0.0
VIMOS_SPEC_BIAS055_0003_A.2.fits	VIMOS.2016-02-24T08:40:02.919	Free	Free		0.6 e-/adu	0.0
VIMOS_SPEC_BIAS055_0003_B.1.fits	VIMOS.2016-02-24T08:40:02.926	Free	Free		0.55 e-/adu	0.0
VIMOS_SPEC_BIAS055_0003_B.4.fits	VIMOS.2016-02-24T08:40:02.925	Free	Free		0.57 e-/adu	0.0
VIMOS_SPEC_BIAS055_0004_B.4.fits	VIMOS.2016-02-24T08:40:54.372	Free	Free		0.57 e-/adu	0.0
VIMOS_SPEC_BIAS055_0004_B.1.fits	VIMOS.2016-02-24T08:40:54.371	Free	Free		0.55 e-/adu	0.0
VIMOS_SPEC_BIAS055_0004_A.2.fits	VIMOS.2016-02-24T08:40:54.374	Free	Free		0.6 e-/adu	0.0
VIMOS_SPEC_BIAS055_0004_A.3.fits	VIMOS.2016-02-24T08:40:54.375	Free	Free		0.56 e-/adu	0.0
VIMOS_SPEC_BIAS055_0005_A.3.fits	VIMOS.2016-02-24T08:41:45.512	Free	Free		0.56 e-/adu	0.0
VIMOS_SPEC_BIAS055_0005_A.2.fits	VIMOS.2016-02-24T08:41:45.511	Free	Free		0.6 e-/adu	0.0
VIMOS_SPEC_BIAS055_0005_B.4.fits	VIMOS.2016-02-24T08:41:45.518	Free	Free		0.57 e-/adu	0.0
VIMOS_SPEC_BIAS055_0005_B.1.fits	VIMOS.2016-02-24T08:41:45.517	Free	Free		0.55 e-/adu	0.0

Template VIMOS\_img\_tec\_Focus\_Pinhole

Data Product CALIB/FOCUS/MOS

CCD 625kHz,1port,LGCenter/1x1/2048x2440

Lamps QTH10 / Afc

Original Filename	Archive Filename	Grism	Filter	INS.ADF.ID	DET.OUT1.CONAD	EXPTIME
VIMOS_MOS_FOCUS055_0001_A.2.fits	VIMOS.2016-02-24T12:03:02.137	Free	R		1.9 e-/adu	1.0
VIMOS_MOS_FOCUS055_0001_A.3.fits	VIMOS.2016-02-24T12:03:02.136	Free	R		1.9 e-/adu	1.0
VIMOS_MOS_FOCUS055_0001_B.1.fits	VIMOS.2016-02-24T12:03:02.142	Free	R		1.9 e-/adu	1.001
VIMOS_MOS_FOCUS055_0001_B.4.fits	VIMOS.2016-02-24T12:03:02.143	Free	R		1.9 e-/adu	1.001
VIMOS_MOS_FOCUS055_0002_A.2.fits	VIMOS.2016-02-24T12:03:56.603	Free	R		1.9 e-/adu	1.0
VIMOS_MOS_FOCUS055_0002_A.3.fits	VIMOS.2016-02-24T12:03:56.604	Free	R		1.9 e-/adu	1.0
VIMOS_MOS_FOCUS055_0002_B.1.fits	VIMOS.2016-02-24T12:03:56.608	Free	R		1.9 e-/adu	1.0
VIMOS_MOS_FOCUS055_0002_B.4.fits	VIMOS.2016-02-24T12:03:56.607	Free	R		1.9 e-/adu	1.0
VIMOS_MOS_FOCUS055_0003_A.2.fits	VIMOS.2016-02-24T12:04:50.510	Free	R		1.9 e-/adu	1.0



VIMOS_MOS_FOCUS055_0020_A.3.fits	VIMOS.2016-02-24T12:23:40.597	Free	Free	1.9 e-/adu	0.6
VIMOS_MOS_FOCUS055_0020_A.2.fits	VIMOS.2016-02-24T12:23:40.596	Free	Free	1.9 e-/adu	0.6
VIMOS_MOS_FOCUS055_0020_B.4.fits	VIMOS.2016-02-24T12:23:40.600	Free	Free	1.9 e-/adu	0.597
VIMOS_MOS_FOCUS055_0020_B.1.fits	VIMOS.2016-02-24T12:23:40.601	Free	Free	1.9 e-/adu	0.597
VIMOS_MOS_FOCUS055_0021_A.2.fits	VIMOS.2016-02-24T12:24:35.582	Free	Free	1.9 e-/adu	0.6
VIMOS_MOS_FOCUS055_0021_A.3.fits	VIMOS.2016-02-24T12:24:35.583	Free	Free	1.9 e-/adu	0.6
VIMOS_MOS_FOCUS055_0021_B.1.fits	VIMOS.2016-02-24T12:24:35.588	Free	Free	1.9 e-/adu	0.598
VIMOS_MOS_FOCUS055_0021_B.4.fits	VIMOS.2016-02-24T12:24:35.587	Free	Free	1.9 e-/adu	0.598
VIMOS_MOS_FOCUS055_0022_B.1.fits	VIMOS.2016-02-24T12:26:36.451	Free	R	1.9 e-/adu	0.998
VIMOS_MOS_FOCUS055_0022_B.4.fits	VIMOS.2016-02-24T12:26:36.450	Free	R	1.9 e-/adu	0.998
VIMOS_MOS_FOCUS055_0022_A.2.fits	VIMOS.2016-02-24T12:26:36.459	Free	R	1.9 e-/adu	1.0
VIMOS_MOS_FOCUS055_0022_A.3.fits	VIMOS.2016-02-24T12:26:36.460	Free	R	1.9 e-/adu	1.0
VIMOS_MOS_FOCUS055_0023_A.3.fits	VIMOS.2016-02-24T12:27:31.585	Free	R	1.9 e-/adu	1.0
VIMOS_MOS_FOCUS055_0023_A.2.fits	VIMOS.2016-02-24T12:27:31.588	Free	R	1.9 e-/adu	1.0
VIMOS_MOS_FOCUS055_0023_B.1.fits	VIMOS.2016-02-24T12:27:31.587	Free	R	1.9 e-/adu	0.997
VIMOS_MOS_FOCUS055_0023_B.4.fits	VIMOS.2016-02-24T12:27:31.586	Free	R	1.9 e-/adu	0.997
VIMOS_MOS_FOCUS055_0024_B.4.fits	VIMOS.2016-02-24T12:28:26.593	Free	R	1.9 e-/adu	0.998
VIMOS_MOS_FOCUS055_0024_A.3.fits	VIMOS.2016-02-24T12:28:26.596	Free	R	1.9 e-/adu	1.0
VIMOS_MOS_FOCUS055_0024_A.2.fits	VIMOS.2016-02-24T12:28:26.595	Free	R	1.9 e-/adu	1.0
VIMOS_MOS_FOCUS055_0024_B.1.fits	VIMOS.2016-02-24T12:28:26.594	Free	R	1.9 e-/adu	0.998
VIMOS_MOS_FOCUS055_0025_A.3.fits	VIMOS.2016-02-24T12:29:21.599	Free	R	1.9 e-/adu	1.0
VIMOS_MOS_FOCUS055_0025_A.2.fits	VIMOS.2016-02-24T12:29:21.600	Free	R	1.9 e-/adu	1.0
VIMOS_MOS_FOCUS055_0025_B.1.fits	VIMOS.2016-02-24T12:29:21.609	Free	R	1.9 e-/adu	0.997
VIMOS_MOS_FOCUS055_0025_B.4.fits	VIMOS.2016-02-24T12:29:21.610	Free	R	1.9 e-/adu	0.997
VIMOS_MOS_FOCUS055_0026_B.4.fits	VIMOS.2016-02-24T12:30:16.655	Free	R	1.9 e-/adu	0.997
VIMOS_MOS_FOCUS055_0026_B.1.fits	VIMOS.2016-02-24T12:30:16.656	Free	R	1.9 e-/adu	0.997
VIMOS_MOS_FOCUS055_0026_A.2.fits	VIMOS.2016-02-24T12:30:16.658	Free	R	1.9 e-/adu	1.0
VIMOS_MOS_FOCUS055_0026_A.3.fits	VIMOS.2016-02-24T12:30:16.657	Free	R	1.9 e-/adu	1.0
VIMOS_MOS_FOCUS055_0027_A.3.fits	VIMOS.2016-02-24T12:31:10.604	Free	R	1.9 e-/adu	1.0
VIMOS_MOS_FOCUS055_0027_A.2.fits	VIMOS.2016-02-24T12:31:10.603	Free	R	1.9 e-/adu	1.0
VIMOS_MOS_FOCUS055_0027_B.1.fits	VIMOS.2016-02-24T12:31:10.611	Free	R	1.9 e-/adu	0.998
VIMOS_MOS_FOCUS055_0027_B.4.fits	VIMOS.2016-02-24T12:31:10.612	Free	R	1.9 e-/adu	0.998
VIMOS_MOS_FOCUS055_0028_B.1.fits	VIMOS.2016-02-24T12:32:05.597	Free	R	1.9 e-/adu	0.998
VIMOS_MOS_FOCUS055_0028_B.4.fits	VIMOS.2016-02-24T12:32:05.598	Free	R	1.9 e-/adu	0.998
VIMOS_MOS_FOCUS055_0028_A.2.fits	VIMOS.2016-02-24T12:32:05.600	Free	R	1.9 e-/adu	1.0
VIMOS_MOS_FOCUS055_0028_A.3.fits	VIMOS.2016-02-24T12:32:05.601	Free	R	1.9 e-/adu	1.0

**Template** VIMOS\_ifu\_cal\_DayCalib

**Data Product** CALIB/FLAT,LAMP/IFU

**CCD** 225kHz,1port,HG/1x1/2048x4096

**Lamps** QTH50

Original Filename	Archive Filename	Grism	Filter	IFUE	IFUS	DET.OUT1.CONAD	EXPTIME
VIMOS_IFU_LAMP055_0001_B.4.fits	VIMOS.2016-02-24T12:41:43.483	HR_orange	GG435	0.67	small	0.57 e-/adu	20.0
VIMOS_IFU_LAMP055_0001_B.1.fits	VIMOS.2016-02-24T12:41:43.482	HR_orange	GG435	0.67	small	0.55 e-/adu	20.0
VIMOS_IFU_LAMP055_0001_A.2.fits	VIMOS.2016-02-24T12:41:43.486	HR_orange	GG435	0.67	small	0.6 e-/adu	19.999
VIMOS_IFU_LAMP055_0001_A.3.fits	VIMOS.2016-02-24T12:41:43.485	HR_orange	GG435	0.67	small	0.56 e-/adu	19.999
VIMOS_IFU_LAMP055_0002_A.2.fits	VIMOS.2016-02-24T12:43:04.095	HR_orange	GG435	0.67	small	0.6 e-/adu	20.0
VIMOS_IFU_LAMP055_0002_A.3.fits	VIMOS.2016-02-24T12:43:04.096	HR_orange	GG435	0.67	small	0.56 e-/adu	20.0
VIMOS_IFU_LAMP055_0002_B.4.fits	VIMOS.2016-02-24T12:43:04.102	HR_orange	GG435	0.67	small	0.57 e-/adu	19.998
VIMOS_IFU_LAMP055_0002_B.1.fits	VIMOS.2016-02-24T12:43:04.101	HR_orange	GG435	0.67	small	0.55 e-/adu	19.998
VIMOS_IFU_LAMP055_0003_A.3.fits	VIMOS.2016-02-24T12:44:25.087	HR_orange	GG435	0.67	small	0.56 e-/adu	20.0
VIMOS_IFU_LAMP055_0003_A.2.fits	VIMOS.2016-02-24T12:44:25.086	HR_orange	GG435	0.67	small	0.6 e-/adu	20.0
VIMOS_IFU_LAMP055_0003_B.4.fits	VIMOS.2016-02-24T12:44:25.090	HR_orange	GG435	0.67	small	0.57 e-/adu	19.997
VIMOS_IFU_LAMP055_0003_B.1.fits	VIMOS.2016-02-24T12:44:25.091	HR_orange	GG435	0.67	small	0.55 e-/adu	19.997
VIMOS_IFU_LAMP055_0004_B.1.fits	VIMOS.2016-02-24T12:45:46.229	HR_orange	GG435	0.67	small	0.55 e-/adu	19.998
VIMOS_IFU_LAMP055_0004_B.4.fits	VIMOS.2016-02-24T12:45:46.230	HR_orange	GG435	0.67	small	0.57 e-/adu	19.998
VIMOS_IFU_LAMP055_0004_A.2.fits	VIMOS.2016-02-24T12:45:46.237	HR_orange	GG435	0.67	small	0.6 e-/adu	20.0
VIMOS_IFU_LAMP055_0004_A.3.fits	VIMOS.2016-02-24T12:45:46.236	HR_orange	GG435	0.67	small	0.56 e-/adu	20.0
VIMOS_IFU_LAMP055_0005_A.3.fits	VIMOS.2016-02-24T12:47:07.096	HR_orange	GG435	0.67	small	0.56 e-/adu	20.0
VIMOS_IFU_LAMP055_0005_A.2.fits	VIMOS.2016-02-24T12:47:07.097	HR_orange	GG435	0.67	small	0.6 e-/adu	20.0
VIMOS_IFU_LAMP055_0005_B.4.fits	VIMOS.2016-02-24T12:47:07.099	HR_orange	GG435	0.67	small	0.57 e-/adu	19.997
VIMOS_IFU_LAMP055_0005_B.1.fits	VIMOS.2016-02-24T12:47:07.100	HR_orange	GG435	0.67	small	0.55 e-/adu	19.997
VIMOS_IFU_LAMP055_0006_B.1.fits	VIMOS.2016-02-24T12:53:40.513	LR_red	OS-red	0.33	small	0.55 e-/adu	0.997
VIMOS_IFU_LAMP055_0006_B.4.fits	VIMOS.2016-02-24T12:53:40.514	LR_red	OS-red	0.33	small	0.57 e-/adu	0.997
VIMOS_IFU_LAMP055_0006_A.2.fits	VIMOS.2016-02-24T12:53:40.518	LR_red	OS-red	0.33	small	0.6 e-/adu	1.0
VIMOS_IFU_LAMP055_0006_A.3.fits	VIMOS.2016-02-24T12:53:40.517	LR_red	OS-red	0.33	small	0.56 e-/adu	1.0
VIMOS_IFU_LAMP055_0007_A.3.fits	VIMOS.2016-02-24T12:54:43.015	LR_red	OS-red	0.33	small	0.56 e-/adu	1.0
VIMOS_IFU_LAMP055_0007_A.2.fits	VIMOS.2016-02-24T12:54:43.016	LR_red	OS-red	0.33	small	0.6 e-/adu	1.0



VIMOS_IFU_LAMP055_0007_B.4.fits	VIMOS.2016-02-24T12:54:43.021	LR_red	OS-red	0.33	small	0.57 e-/adu	0.997
VIMOS_IFU_LAMP055_0007_B.1.fits	VIMOS.2016-02-24T12:54:43.020	LR_red	OS-red	0.33	small	0.55 e-/adu	0.997
VIMOS_IFU_LAMP055_0008_B.4.fits	VIMOS.2016-02-24T12:55:45.367	LR_red	OS-red	0.33	small	0.57 e-/adu	0.997
VIMOS_IFU_LAMP055_0008_B.1.fits	VIMOS.2016-02-24T12:55:45.368	LR_red	OS-red	0.33	small	0.55 e-/adu	0.997
VIMOS_IFU_LAMP055_0008_A.3.fits	VIMOS.2016-02-24T12:55:45.374	LR_red	OS-red	0.33	small	0.56 e-/adu	1.0
VIMOS_IFU_LAMP055_0008_A.2.fits	VIMOS.2016-02-24T12:55:45.373	LR_red	OS-red	0.33	small	0.6 e-/adu	1.0
VIMOS_IFU_LAMP055_0009_A.2.fits	VIMOS.2016-02-24T12:56:46.963	LR_red	OS-red	0.33	small	0.6 e-/adu	1.0
VIMOS_IFU_LAMP055_0009_A.3.fits	VIMOS.2016-02-24T12:56:46.962	LR_red	OS-red	0.33	small	0.56 e-/adu	1.0
VIMOS_IFU_LAMP055_0009_B.1.fits	VIMOS.2016-02-24T12:56:46.966	LR_red	OS-red	0.33	small	0.55 e-/adu	0.997
VIMOS_IFU_LAMP055_0009_B.4.fits	VIMOS.2016-02-24T12:56:46.965	LR_red	OS-red	0.33	small	0.57 e-/adu	0.997
VIMOS_IFU_LAMP055_0010_A.2.fits	VIMOS.2016-02-24T12:57:49.079	LR_red	OS-red	0.33	small	0.6 e-/adu	1.0
VIMOS_IFU_LAMP055_0010_A.3.fits	VIMOS.2016-02-24T12:57:49.080	LR_red	OS-red	0.33	small	0.56 e-/adu	1.0
VIMOS_IFU_LAMP055_0010_B.1.fits	VIMOS.2016-02-24T12:57:49.082	LR_red	OS-red	0.33	small	0.55 e-/adu	0.997
VIMOS_IFU_LAMP055_0010_B.4.fits	VIMOS.2016-02-24T12:57:49.081	LR_red	OS-red	0.33	small	0.57 e-/adu	0.997

**Template** VIMOS\_ifu\_cal\_DayCalib

**Data Product** CALIB/WAVE,LAMP/IFU

**CCD** 225kHz,1port,HG/1x1/2048x4096

**Lamps** He / Ne / Ar

Original Filename	Archive Filename	Grism	Filter	IFUE	IFUS	DET.OUT1.CONAD	EXPTIME
VIMOS_IFU_WAVE055_0001_A.3.fits	VIMOS.2016-02-24T12:48:22.419	HR_orange	GG435	0.67	small	0.56 e-/adu	13.0
VIMOS_IFU_WAVE055_0001_A.2.fits	VIMOS.2016-02-24T12:48:22.416	HR_orange	GG435	0.67	small	0.6 e-/adu	13.0
VIMOS_IFU_WAVE055_0001_B.4.fits	VIMOS.2016-02-24T12:48:22.417	HR_orange	GG435	0.67	small	0.57 e-/adu	12.989
VIMOS_IFU_WAVE055_0001_B.1.fits	VIMOS.2016-02-24T12:48:22.418	HR_orange	GG435	0.67	small	0.55 e-/adu	12.989

**Template** VIMOS\_ifu\_cal\_DayCalib

**Data Product** CALIB/WAVE,LAMP/IFU

**CCD** 225kHz,1port,HG/1x1/2048x4096

**Lamps** He / Ar

Original Filename	Archive Filename	Grism	Filter	IFUE	IFUS	DET.OUT1.CONAD	EXPTIME
VIMOS_IFU_WAVE055_0002_A.2.fits	VIMOS.2016-02-24T12:58:45.378	LR_red	OS-red	0.33	small	0.6 e-/adu	10.0
VIMOS_IFU_WAVE055_0002_A.3.fits	VIMOS.2016-02-24T12:58:45.377	LR_red	OS-red	0.33	small	0.56 e-/adu	10.0
VIMOS_IFU_WAVE055_0002_B.4.fits	VIMOS.2016-02-24T12:58:45.379	LR_red	OS-red	0.33	small	0.57 e-/adu	9.988
VIMOS_IFU_WAVE055_0002_B.1.fits	VIMOS.2016-02-24T12:58:45.380	LR_red	OS-red	0.33	small	0.55 e-/adu	9.988

**OB 200147008 | 08:36:05 > 08:44:12 | 00:08:07 | Mode: Service | Loss: No Loss | Status X > M**

Grade X

**Instrument** VISIR

**Name** Calibration

**Target**

**PI** Siebenmorgen

**Run** 60.A-9234(A)

**Container** -

**Public Comments**

**Files produced and additional information**

**OBS.ID** 200147008

**OBS.START** 2016-02-24T08:36:05

**Template** VISIR\_img\_cal\_Darks

**Data Product** CALIB/DARK/IMAGE

**Airmass**

**Seeing**

**Chopping** null/null/null/null/null

**Exposure** 0.02 x 1000 x 2 x 0 = 20.02

**Setup** IMG / 0.0453 / CLOSE

Original Filename	Archive Filename
VISIR_IMG_DARK055_0002.fits	VISIR.2016-02-24T08:36:07.881
VISIR_IMG_DARK055_0003.fits	VISIR.2016-02-24T08:36:30.162
VISIR_IMG_DARK055_0004.fits	VISIR.2016-02-24T08:36:52.229
VISIR_IMG_DARK055_0005.fits	VISIR.2016-02-24T08:37:14.263
VISIR_IMG_DARK055_0006.fits	VISIR.2016-02-24T08:37:36.294
VISIR_IMG_DARK055_0007.fits	VISIR.2016-02-24T08:37:58.371
VISIR_IMG_DARK055_0008.fits	VISIR.2016-02-24T08:38:20.442
VISIR_IMG_DARK055_0009.fits	VISIR.2016-02-24T08:38:42.497
VISIR_IMG_DARK055_0010.fits	VISIR.2016-02-24T08:39:05.759
VISIR_IMG_DARK055_0011.fits	VISIR.2016-02-24T08:39:28.862

**Template** VISIR\_spec\_cal\_Darks

**Data Product** CALIB/DARK/SPECTRUM

**Airmass****Seeing****Chopping** null/null/null/null/null**Exposure** 0.02 x 1000 x 2 x 0 = 20.02**Setup** SPC / 0.0762 / TMA\_SF / null / null

Original Filename	Archive Filename
VISIR_SPC_DARK055_0001.fits	VISIR.2016-02-24T08:40:15.565
VISIR_SPC_DARK055_0002.fits	VISIR.2016-02-24T08:40:39.184
VISIR_SPC_DARK055_0003.fits	VISIR.2016-02-24T08:41:01.271
VISIR_SPC_DARK055_0004.fits	VISIR.2016-02-24T08:41:23.557
VISIR_SPC_DARK055_0005.fits	VISIR.2016-02-24T08:41:45.639
VISIR_SPC_DARK055_0006.fits	VISIR.2016-02-24T08:42:07.731
VISIR_SPC_DARK055_0007.fits	VISIR.2016-02-24T08:42:29.789
VISIR_SPC_DARK055_0008.fits	VISIR.2016-02-24T08:42:51.851
VISIR_SPC_DARK055_0009.fits	VISIR.2016-02-24T08:43:14.199
VISIR_SPC_DARK055_0010.fits	VISIR.2016-02-24T08:43:36.256

**Nighttime Observations**

<b>OB 1356651</b>   <b>23:11:24</b> > <b>23:43:09</b>   00:31:45   Mode: Commissioning   Loss: No Loss   Status A	Grade <u>  </u>
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**Instrument** VISIR  
**Name** EmptySkyBackground\_night1  
**Target** Empty Sky  
**PI** Florian Kerber  
**Run** 60.A-9621(A)  
**Container** -  
**Public Comments** Aborted because OB takes to long and conditions are not sufficient  
*24 Feb 01:20 - Paranal Observatory*

**Files produced and additional information**

**OBS.ID** 1356651  
**OBS.START** 2016-02-23T23:11:24  
**Template** VISIR\_img\_obs\_BurstAutoChopNod  
**Data Product** SCIENCE/OBJECT/IMAGE,BURST,CHOPNOD

**Airmass****Seeing****Chopping** null/null/null/null/PERPENDICU**Exposure** 0.003 x 33 x 2 x 50 = 12.6**Setup** IMG / 0.0453 / B10.7

Original Filename	Archive Filename
VISIR_IMG_OBS_BURST054_0017.fits	VISIR.2016-02-23T23:11:36.125
VISIR_IMG_OBS_BURST054_0018.fits	VISIR.2016-02-23T23:12:09.895
VISIR_IMG_OBS_BURST054_0019.fits	VISIR.2016-02-23T23:12:44.406
VISIR_IMG_OBS_BURST054_0020.fits	VISIR.2016-02-23T23:13:19.106
VISIR_IMG_OBS_BURST054_0021.fits	VISIR.2016-02-23T23:13:51.326
VISIR_IMG_OBS_BURST054_0022.fits	VISIR.2016-02-23T23:14:24.249
VISIR_IMG_OBS_BURST054_0023.fits	VISIR.2016-02-23T23:14:57.491
VISIR_IMG_OBS_BURST054_0024.fits	VISIR.2016-02-23T23:15:29.503
VISIR_IMG_OBS_BURST054_0025.fits	VISIR.2016-02-23T23:16:02.048
VISIR_IMG_OBS_BURST054_0026.fits	VISIR.2016-02-23T23:16:35.894
VISIR_IMG_OBS_BURST054_0027.fits	VISIR.2016-02-23T23:17:07.780
VISIR_IMG_OBS_BURST054_0028.fits	VISIR.2016-02-23T23:17:40.211
VISIR_IMG_OBS_BURST054_0029.fits	VISIR.2016-02-23T23:18:13.718
VISIR_IMG_OBS_BURST054_0030.fits	VISIR.2016-02-23T23:18:46.668
VISIR_IMG_OBS_BURST054_0031.fits	VISIR.2016-02-23T23:19:20.052
VISIR_IMG_OBS_BURST054_0032.fits	VISIR.2016-02-23T23:19:51.537

**Template** VISIR\_img\_obs\_BurstAutoChopNod  
**Data Product** SCIENCE/OBJECT/IMAGE,BURST,CHOPNOD

**Airmass****Seeing****Chopping** null/null/null/null/PERPENDICU**Exposure** 0.003 x 33 x 2 x 57 = 14.364**Setup** IMG / 0.0453 / Q2

Original Filename	Archive Filename
VISIR_IMG_OBS_BURST054_0033.fits	VISIR.2016-02-23T23:23:32.045
VISIR_IMG_OBS_BURST054_0034.fits	VISIR.2016-02-23T23:24:10.651

VISIR\_IMG\_OBS\_BURST054\_0035.fits VISIR.2016-02-23T23:24:49.165  
 VISIR\_IMG\_OBS\_BURST054\_0036.fits VISIR.2016-02-23T23:25:25.867  
 VISIR\_IMG\_OBS\_BURST054\_0037.fits VISIR.2016-02-23T23:26:03.048  
 VISIR\_IMG\_OBS\_BURST054\_0038.fits VISIR.2016-02-23T23:26:40.780  
 VISIR\_IMG\_OBS\_BURST054\_0039.fits VISIR.2016-02-23T23:27:20.127  
 VISIR\_IMG\_OBS\_BURST054\_0040.fits VISIR.2016-02-23T23:27:57.816  
 VISIR\_IMG\_OBS\_BURST054\_0041.fits VISIR.2016-02-23T23:28:34.649  
 VISIR\_IMG\_OBS\_BURST054\_0042.fits VISIR.2016-02-23T23:29:13.224  
 VISIR\_IMG\_OBS\_BURST054\_0043.fits VISIR.2016-02-23T23:29:50.002  
 VISIR\_IMG\_OBS\_BURST054\_0044.fits VISIR.2016-02-23T23:30:38.373  
 VISIR\_IMG\_OBS\_BURST054\_0045.fits VISIR.2016-02-23T23:31:18.133  
 VISIR\_IMG\_OBS\_BURST054\_0046.fits VISIR.2016-02-23T23:31:55.396

**Template** VISIR\_img\_obs\_BurstAutoChopNod  
**Data Product** SCIENCE/OBJECT/IMAGE,BURST,CHOPNOD

**Airmass**

**Seeing**

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

**Exposure** 0.0098 x 14 x 2 x 36 = 11.9952

**Setup** IMG / 0.0453 / M-BAND

Original Filename	Archive Filename
VISIR_IMG_OBS_BURST054_0047.fits	VISIR.2016-02-23T23:33:19.386
VISIR_IMG_OBS_BURST054_0048.fits	VISIR.2016-02-23T23:33:55.090
VISIR_IMG_OBS_BURST054_0049.fits	VISIR.2016-02-23T23:34:31.412
VISIR_IMG_OBS_BURST054_0050.fits	VISIR.2016-02-23T23:35:08.190
VISIR_IMG_OBS_BURST054_0051.fits	VISIR.2016-02-23T23:35:44.323
VISIR_IMG_OBS_BURST054_0052.fits	VISIR.2016-02-23T23:36:20.532
VISIR_IMG_OBS_BURST054_0053.fits	VISIR.2016-02-23T23:36:56.276
VISIR_IMG_OBS_BURST054_0054.fits	VISIR.2016-02-23T23:37:32.060
VISIR_IMG_OBS_BURST054_0055.fits	VISIR.2016-02-23T23:38:10.268
VISIR_IMG_OBS_BURST054_0056.fits	VISIR.2016-02-23T23:38:47.401
VISIR_IMG_OBS_BURST054_0057.fits	VISIR.2016-02-23T23:39:23.931
VISIR_IMG_OBS_BURST054_0058.fits	VISIR.2016-02-23T23:40:00.757
VISIR_IMG_OBS_BURST054_0059.fits	VISIR.2016-02-23T23:40:36.942
VISIR_IMG_OBS_BURST054_0060.fits	VISIR.2016-02-23T23:41:16.700
VISIR_IMG_OBS_BURST054_0061.fits	VISIR.2016-02-23T23:41:53.004
VISIR_IMG_OBS_BURST054_0062.fits	VISIR.2016-02-23T23:42:28.759

**OB 200353532** | 23:43:41 > 23:53:59 | 00:10:18 | Mode: Service | Loss: No Loss | Status A Grade \_

**Instrument** VISIR  
**Name** STD\_ima\_HD033554\_9.5Jy  
**Target** HD033554  
**PI** Siebenmorgen  
**Run** 60.A-9234(A)  
**Container** -  
**Public Comments**

**Files produced and additional information**

No files produced

**OB 200353532** | 23:55:05 > 00:13:23 | 00:18:18 | Mode: Service | Loss: No Loss | Status A Grade \_

**Instrument** VISIR  
**Name** STD\_ima\_HD033554\_9.5Jy  
**Target** HD033554  
**PI** Siebenmorgen  
**Run** 60.A-9234(A)  
**Container** -  
**Public Comments**

**Files produced and additional information**

**OBS.ID** 200353532  
**OBS.START** 2016-02-23T23:55:05  
**Template** VISIR\_img\_cal\_AutoChopNod  
**Data Product** CALIB/STD/IMAGE,CHOPNOD  
**Airmass** 1.321  
**Seeing** 1.03  
**Chopping** T/4.025764/0.0/13.0/PERPENDICU

**Exposure** 0.0054 x 18 x 2 x 154 = 38.2536

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

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

VISIR\_IMG\_CAL054\_0001.fits VISIR.2016-02-23T23:55:17.729

VISIR\_IMG\_CAL054\_0002.fits VISIR.2016-02-23T23:56:09.581

**Template** VISIR\_img\_cal\_AutoChopNod

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

**Airmass** 1.321

**Seeing** 1.03

**Chopping** T/3.0012/0.0/13.0/PERPENDICU

**Exposure** 0.0098 x 14 x 2 x 109 = 36.3188

**Setup** IMG / 0.0453 / PAH2

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

VISIR\_IMG\_CAL055\_0001.fits VISIR.2016-02-24T00:01:54.622

VISIR\_IMG\_CAL055\_0002.fits VISIR.2016-02-24T00:02:44.595

**Template** VISIR\_img\_cal\_AutoChopNod

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

**Airmass** 1.321

**Seeing** 1.03

**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\_CAL055\_0003.fits VISIR.2016-02-24T00:04:24.690

VISIR\_IMG\_CAL055\_0004.fits VISIR.2016-02-24T00:06:11.595

**Template** VISIR\_img\_cal\_AutoChopNod

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

**Airmass** 1.321

**Seeing** 1.03

**Chopping** T/4.00641/0.0/13.0/PERPENDICU

**Exposure** 0.0208 x 4 x 2 x 180 = 44.928

**Setup** IMG / 0.0453 / PAH1

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

VISIR\_IMG\_CAL055\_0005.fits VISIR.2016-02-24T00:10:36.591

VISIR\_IMG\_CAL055\_0006.fits VISIR.2016-02-24T00:11:36.603

**OB 1356574 | 00:14:59 > 00:22:06 | 00:07:07 | Mode: Service | Loss: No Loss | Status A**

**Grade** \_

**Instrument** VISIR

**Name** MOV\_379Huenna\_1

**Target** Huenna

**PI** Benoit Carry

**Run** 60.A-9626(A)

**Container** Concatenation 1359409

**Public Comments** Aborted after acquisition to update DIT and number of nodding cycles.

24 Feb 23:34 - Paranal Observatory

**Files produced and additional information**

**OBS.ID** 1356574

**OBS.START** 2016-02-24T00:14:59

**Template** VISIR\_img\_acq\_MoveToPixel

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

**Airmass** 1.461

**Seeing** 1.24

**Chopping** T/3.0012/0.0/8.0/PERPENDICU

**Exposure** 0.0098 x 14 x 2 x 54 = 17.9928

**Setup** IMG / 0.0453 / PAH2

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

VISIR\_IMG\_ACQ055\_0001.fits VISIR.2016-02-24T00:18:01.372

VISIR\_IMG\_ACQ055\_0002.fits VISIR.2016-02-24T00:18:31.612

**OB 1356574 | 00:22:30 > 00:52:20 | 00:29:50 | Mode: Service | Loss: No Loss | Status A**

**Grade** \_

**Instrument** VISIR

**Name** MOV\_379Huenna\_1

**Target** Huenna  
**PI** Benoit Carry  
**Run** 60.A-9626(A)  
**Container** Concatenation 1359409  
**Public Comments** Aborted because window and nod cycles not updated. Data from completed template should be usable.  
 24 Feb 23:34 - Paranal Observatory

**Files produced and additional information**

**OBS.ID** 1356574  
**OBS.START** 2016-02-24T00:22:30  
**Template** VISIR\_img\_obs\_BurstAutoChopNod  
**Data Product** SCIENCE/OBJECT/IMAGE,BURST,CHOPNOD  
**Airmass** 1.456  
**Seeing** 1.27  
**Chopping** T/4.00641/0.0/8.0/PERPENDICU  
**Exposure** 0.0208 x 4 x 2 x 270 = 67.392  
**Setup** IMG / 0.0453 / PAH1

Original Filename	Archive Filename
VISIR_IMG_OBS_BURST055_0001.fits	VISIR.2016-02-24T00:22:47.035
VISIR_IMG_OBS_BURST055_0002.fits	VISIR.2016-02-24T00:24:10.542
VISIR_IMG_OBS_BURST055_0003.fits	VISIR.2016-02-24T00:25:22.132
VISIR_IMG_OBS_BURST055_0004.fits	VISIR.2016-02-24T00:26:49.520

**Template** VISIR\_img\_obs\_BurstAutoChopNod  
**Data Product** SCIENCE/OBJECT/IMAGE,BURST,CHOPNOD  
**Airmass** 1.456  
**Seeing** 1.27  
**Chopping** T/3.0012/0.0/8.0/PERPENDICU  
**Exposure** 0.0098 x 14 x 2 x 131 = 43.6492  
**Setup** IMG / 0.0453 / PAH2

Original Filename	Archive Filename
VISIR_IMG_OBS_BURST055_0005.fits	VISIR.2016-02-24T00:28:54.680
VISIR_IMG_OBS_BURST055_0006.fits	VISIR.2016-02-24T00:29:56.570
VISIR_IMG_OBS_BURST055_0007.fits	VISIR.2016-02-24T00:30:46.414
VISIR_IMG_OBS_BURST055_0008.fits	VISIR.2016-02-24T00:31:49.520
VISIR_IMG_OBS_BURST055_0009.fits	VISIR.2016-02-24T00:32:38.488
VISIR_IMG_OBS_BURST055_0010.fits	VISIR.2016-02-24T00:33:36.575
VISIR_IMG_OBS_BURST055_0011.fits	VISIR.2016-02-24T00:34:26.871
VISIR_IMG_OBS_BURST055_0012.fits	VISIR.2016-02-24T00:35:30.562
VISIR_IMG_OBS_BURST055_0013.fits	VISIR.2016-02-24T00:36:19.764
VISIR_IMG_OBS_BURST055_0014.fits	VISIR.2016-02-24T00:37:20.545
VISIR_IMG_OBS_BURST055_0015.fits	VISIR.2016-02-24T00:38:11.574
VISIR_IMG_OBS_BURST055_0016.fits	VISIR.2016-02-24T00:39:14.567
VISIR_IMG_OBS_BURST055_0017.fits	VISIR.2016-02-24T00:40:04.559
VISIR_IMG_OBS_BURST055_0018.fits	VISIR.2016-02-24T00:41:02.579
VISIR_IMG_OBS_BURST055_0019.fits	VISIR.2016-02-24T00:41:52.496
VISIR_IMG_OBS_BURST055_0020.fits	VISIR.2016-02-24T00:42:53.581
VISIR_IMG_OBS_BURST055_0021.fits	VISIR.2016-02-24T00:43:43.474
VISIR_IMG_OBS_BURST055_0022.fits	VISIR.2016-02-24T00:44:41.582
VISIR_IMG_OBS_BURST055_0023.fits	VISIR.2016-02-24T00:45:32.430
VISIR_IMG_OBS_BURST055_0024.fits	VISIR.2016-02-24T00:46:36.554

OB 1356574 | 00:52:55 > 00:53:14 | 00:00:19 | Mode: Service | Loss: No Loss | Status A Grade \_

**Instrument** VISIR  
**Name** MOV\_379Huenna\_1  
**Target** Huenna  
**PI** Benoit Carry  
**Run** 60.A-9626(A)  
**Container** Concatenation 1359409  
**Public Comments** Wrong DIT, abort and repeat.  
 24 Feb 23:34 - Paranal Observatory

**Files produced and additional information**

No files produced

OB 1356574 | 00:53:34 > 01:14:16 | 00:20:42 | Mode: Service | Loss: W:Hum | Status A Grade \_

**Instrument** VISIR  
**Name** MOV\_379Huenna\_1  
**Target** Huenna  
**PI** Benoit Carry  
**Run** 60.A-9626(A)  
**Container** Concatenation 1359409  
**Public Comments** Aborted when starting the last template because telescope has to be closed due to high humidity. Data from previous templates should be usable  
 24 Feb 01:17 - Paranal Observatory

#### Files produced and additional information

**OBS.ID** 1356574  
**OBS.START** 2016-02-24T00:53:34  
**Template** VISIR\_img\_obs\_BurstAutoChopNod  
**Data Product** SCIENCE/OBJECT/IMAGE,BURST,CHOPNOD,CHOPNOD  
**Airmass** 1.442  
**Seeing** 1.05  
**Chopping** T/3.0012/0.0/8.0/PERPENDICU  
**Exposure** 0.0098 x 14 x 2 x 131 = 43.6492  
**Setup** IMG / 0.0453 / PAH2

Original Filename	Archive Filename
VISIR_IMG_OBS_BURST055_0026.fits	VISIR.2016-02-24T00:53:50.913
VISIR_IMG_OBS_BURST055_0027.fits	VISIR.2016-02-24T00:54:47.553
VISIR_IMG_OBS_BURST055_0028.fits	VISIR.2016-02-24T00:55:37.428
VISIR_IMG_OBS_BURST055_0029.fits	VISIR.2016-02-24T00:56:35.538
VISIR_IMG_OBS_BURST055_0030.fits	VISIR.2016-02-24T00:57:25.343
VISIR_IMG_OBS_BURST055_0031.fits	VISIR.2016-02-24T00:58:27.560
VISIR_IMG_OBS_BURST055_0032.fits	VISIR.2016-02-24T00:59:17.348
VISIR_IMG_OBS_BURST055_0033.fits	VISIR.2016-02-24T01:00:22.546
VISIR_IMG_OBS_BURST055_0034.fits	VISIR.2016-02-24T01:01:13.870
VISIR_IMG_OBS_BURST055_0035.fits	VISIR.2016-02-24T01:02:10.559
VISIR_IMG_OBS_BURST055_0036.fits	VISIR.2016-02-24T01:03:01.875
VISIR_IMG_OBS_BURST055_0037.fits	VISIR.2016-02-24T01:04:05.591
VISIR_IMG_OBS_BURST055_0038.fits	VISIR.2016-02-24T01:04:55.539
VISIR_IMG_OBS_BURST055_0039.fits	VISIR.2016-02-24T01:05:55.568
VISIR_IMG_OBS_BURST055_0040.fits	VISIR.2016-02-24T01:06:46.753
VISIR_IMG_OBS_BURST055_0041.fits	VISIR.2016-02-24T01:07:50.564
VISIR_IMG_OBS_BURST055_0042.fits	VISIR.2016-02-24T01:08:40.458
VISIR_IMG_OBS_BURST055_0043.fits	VISIR.2016-02-24T01:09:40.575
VISIR_IMG_OBS_BURST055_0044.fits	VISIR.2016-02-24T01:10:30.497
VISIR_IMG_OBS_BURST055_0045.fits	VISIR.2016-02-24T01:11:41.529

**Template** VISIR\_img\_obs\_BurstAutoChopNod  
**Data Product** SCIENCE/OBJECT/IMAGE,BURST,CHOPNOD  
**Airmass** 1.442  
**Seeing** 1.05  
**Chopping** T/4.00641/0.0/8.0/PERPENDICU  
**Exposure** 0.0208 x 4 x 2 x 270 = 67.392  
**Setup** IMG / 0.0453 / PAH1

Original Filename	Archive Filename
VISIR_IMG_OBS_BURST055_0046.fits	VISIR.2016-02-24T01:13:36.877

OB 1252629 | 03:32:56 > 03:32:57 | 00:00:01 | Mode: Service | Loss: W:Hum | Status A Grade \_

**Instrument** VISIR  
**Name** CAL\_VZCHA\_HCN\_R12\_3  
**Target** HD 100546  
**PI** Davide Fedele  
**Run** 096.C-0118(A)  
**Container** Concatenation 1252625  
**Public Comments** Testing the VISIR HRX template.  
 24 Feb 09:02 - Paranal Observatory

#### Files produced and additional information

No files produced

OB 1252629 | 03:33:54 > 03:33:55 | 00:00:01 | Mode: Service | Loss: W:Hum | Status A Grade \_

**Instrument** VISIR  
**Name** CAL\_VZCHA\_HCN\_R12\_3  
**Target** HD 100546  
**PI** Davide Fedele  
**Run** 096.C-0118(A)  
**Container** Concatenation 1252625  
**Public Comments** Testing the VISIR HRX template.  
24 Feb 09:02 - Paranal Observatory

#### Files produced and additional information

No files produced

**OB 1252629** | **03:34:26 > 03:55:16** | 00:20:50 | Mode: Service | Loss: W:Hum | Status A

Grade \_

**Instrument** VISIR  
**Name** CAL\_VZCHA\_HCN\_R12\_3  
**Target** HD 100546  
**PI** Davide Fedele  
**Run** 096.C-0118(A)  
**Container** Concatenation 1252625  
**Public Comments** Testing the VISIR HRX template.  
24 Feb 09:02 - Paranal Observatory

#### Files produced and additional information

**OBS.ID** 1252629  
**OBS.START** 2016-02-24T03:34:26  
**Template** VISIR\_spec\_acq\_ImgMoveToSlit  
**Data Product** TEST/OBJECT/IMAGE,CHOPNOD,CHOPNOD  
**Airmass**  
**Seeing**  
**Chopping** null/null/null/null/PARALLEL  
**Exposure** 0.0278 x 5 x 2 x 27 = 9.0072  
**Setup** IMG / 0.0453 / NEII\_2

Original Filename	Archive Filename
VISIR_IMG_ACQ055_0003.fits	VISIR.2016-02-24T03:34:51.713
VISIR_IMG_ACQ055_0004.fits	VISIR.2016-02-24T03:35:02.831
VISIR_IMG_ACQ055_0005.fits	VISIR.2016-02-24T03:35:14.005
VISIR_IMG_ACQ055_0006.fits	VISIR.2016-02-24T03:35:24.903
VISIR_IMG_ACQ055_0007.fits	VISIR.2016-02-24T03:36:50.548
VISIR_IMG_ACQ055_0008.fits	VISIR.2016-02-24T03:37:01.532
VISIR_IMG_ACQ055_0009.fits	VISIR.2016-02-24T03:37:12.858
VISIR_IMG_ACQ055_0010.fits	VISIR.2016-02-24T03:37:23.729

**Template** VISIR\_spec\_acq\_ImgMoveToSlit  
**Data Product** TEST/OBJECT/IMAGE,CHOPNOD,CHOPNOD  
**Airmass**  
**Seeing**  
**Chopping** null/null/null/null/null  
**Exposure** 0.026 x 3 x 2 x 48 = 9.984  
**Setup** SPCIMG / 0.0762 / NEII\_2 / IMAGING / ST\_0.16

Original Filename	Archive Filename
VISIR_SPCIMG_SLITTEST055_0001.fits	VISIR.2016-02-24T03:38:22.263

**Template** VISIR\_spec\_acq\_ImgMoveToSlit  
**Data Product** TEST/OBJECT/IMAGE,CHOPNOD,CHOPNOD  
**Airmass**  
**Seeing**  
**Chopping** null/null/null/null/PARALLEL  
**Exposure** 0.026 x 3 x 2 x 48 = 9.984  
**Setup** SPCIMG / 0.0762 / NEII\_2 / IMAGING / ST\_0.16

Original Filename	Archive Filename
VISIR_SPCIMG_SLIT055_0001.fits	VISIR.2016-02-24T03:38:44.666
VISIR_SPCIMG_SLIT055_0002.fits	VISIR.2016-02-24T03:38:56.638
VISIR_SPCIMG_SLIT055_0003.fits	VISIR.2016-02-24T03:39:08.827
VISIR_SPCIMG_SLIT055_0004.fits	VISIR.2016-02-24T03:39:20.717

**Template** VISIR\_spec\_cal\_HRXAutoChopNod  
**Data Product** TEST/STD/ECHELLE,CHOPNOD

**Airmass****Seeing****Chopping** null/null/null/null/PARALLEL**Exposure** 19.994898 x 1 x 2 x 0 = 0.0**Setup** SPC / 0.0762 / N\_LW\_GR / HIGH\_A / ST\_0.16

Original Filename	Archive Filename
VISIR_SPC_TEST055_0001.fits	VISIR.2016-02-24T03:43:17.450
VISIR_SPC_TEST055_0002.fits	VISIR.2016-02-24T03:44:15.748
VISIR_SPC_TEST055_0003.fits	VISIR.2016-02-24T03:45:16.982
VISIR_SPC_TEST055_0004.fits	VISIR.2016-02-24T03:46:15.699
VISIR_SPC_TEST055_0005.fits	VISIR.2016-02-24T03:47:15.990
VISIR_SPC_TEST055_0006.fits	VISIR.2016-02-24T03:48:15.699
VISIR_SPC_TEST055_0007.fits	VISIR.2016-02-24T03:49:15.981
VISIR_SPC_TEST055_0008.fits	VISIR.2016-02-24T03:50:16.701
VISIR_SPC_TEST055_0009.fits	VISIR.2016-02-24T03:51:15.989
VISIR_SPC_TEST055_0010.fits	VISIR.2016-02-24T03:52:15.704
VISIR_SPC_TEST055_0011.fits	VISIR.2016-02-24T03:53:15.987
VISIR_SPC_TEST055_0012.fits	VISIR.2016-02-24T03:54:15.696

**OB 1252629 | 04:01:12 > 04:14:49 | 00:13:37 | Mode: Service | Loss: W:Hum | Status A**

Grade \_

**Instrument** VISIR  
**Name** CAL\_VZCHA\_HCN\_R12\_3  
**Target** HD 100546  
**PI** Davide Fedele  
**Run** 096.C-0118(A)  
**Container** Concatenation 1252625  
**Public Comments** Testing the VISIR HRX  
template.  
*24 Feb 09:02 - Paranal Observatory*

**Files produced and additional information**

**OBS.ID** 1252629  
**OBS.START** 2016-02-24T04:01:12

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**Template** VISIR\_spec\_cal\_HRXAutoChopNod  
**Data Product** TEST/STD/ECHELLE,CHOPNOD

**Airmass**  
**Seeing**  
**Chopping** null/null/null/null/PARALLEL  
**Exposure** 19.994898 x 1 x 2 x 2 = 79.99962  
**Setup** SPC / 0.0762 / N\_LW\_GR / HIGH\_A / ST\_0.16

Original Filename	Archive Filename
VISIR_SPC_TEST055_0013.fits	VISIR.2016-02-24T04:09:51.584
VISIR_SPC_TEST055_0014.fits	VISIR.2016-02-24T04:11:29.939
VISIR_SPC_TEST055_0015.fits	VISIR.2016-02-24T04:13:10.171

**OB 1252629 | 04:31:50 > 04:43:18 | 00:11:28 | Mode: Service | Loss: W:Hum | Status A**

Grade \_

**Instrument** VISIR  
**Name** CAL\_VZCHA\_HCN\_R12\_3  
**Target** HD 100546  
**PI** Davide Fedele  
**Run** 096.C-0118(A)  
**Container** Concatenation 1252625  
**Public Comments** Testing the VISIR HRX  
template.  
*24 Feb 09:02 - Paranal Observatory*

**Files produced and additional information**

**OBS.ID** 1252629  
**OBS.START** 2016-02-24T04:31:50

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**Template** VISIR\_spec\_cal\_HRXAutoChopNod  
**Data Product** TEST/STD/ECHELLE,CHOPNOD

**Airmass**  
**Seeing**  
**Chopping** null/null/null/null/PARALLEL  
**Exposure** 19.994898 x 1 x 2 x 7 = 279.99866  
**Setup** SPC / 0.0762 / N\_LW\_GR / HIGH\_A / ST\_0.16



Original Filename	Archive Filename
VISIR_SPC_TEST055_0016.fits	VISIR.2016-02-24T04:33:19.587
VISIR_SPC_TEST055_0017.fits	VISIR.2016-02-24T04:38:18.262

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**OB 1252629** | 05:12:06 > 05:12:07 | 00:00:01 | Mode: Service | Loss: W:Hum | Status A Grade \_

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<b>Instrument</b>	VISIR
<b>Name</b>	CAL_VZCHA_HCN_R12_3
<b>Target</b>	HD 100546
<b>PI</b>	Davide Fedele
<b>Run</b>	096.C-0118(A)
<b>Container</b>	Concatenation 1252625
<b>Public Comments</b>	Testing the VISIR HRX template. <i>24 Feb 09:02 - Paranal Observatory</i>

#### Files produced and additional information

No files produced

#### 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