

## UT3 Visitor Telescope Report 20 / 21-Mar-2016



Report generated Mar 22 2016 14:08 UTC

- [Weather »](#)
- [Night Timeline »](#)
- [Time Accounting »](#)
- [Comments »](#)
- [Summary of Data »](#)
- [Daytime Calibrations »](#)
- [Nighttime Observations »](#)

### Night Statistics

**Report Interval** 20 Mar 16:00 - 21 Mar 16:00 UT  
**Night Time** 21 Mar 00:07 - 21 Mar 09:30 UT  
**Night Length** 09:22  
**Evening Twilight** 20 Mar 22:59 - 21 Mar 00:07 UT  
**Morning Twilight** 21 Mar 09:30 - 21 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

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## Weather

### General Weather Conditions

**Seeing** 0.48 - 2.02 arcsec  
**Humidity** 17 - 23 %  
**Wind** 0.50 - 6.58 m/s  
**Temperature** 15.81 - 17.55 C

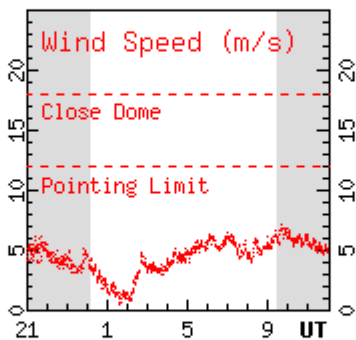
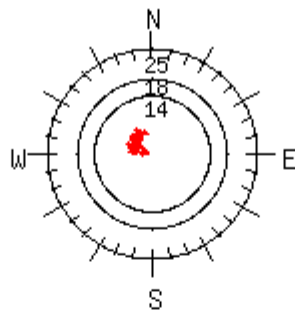
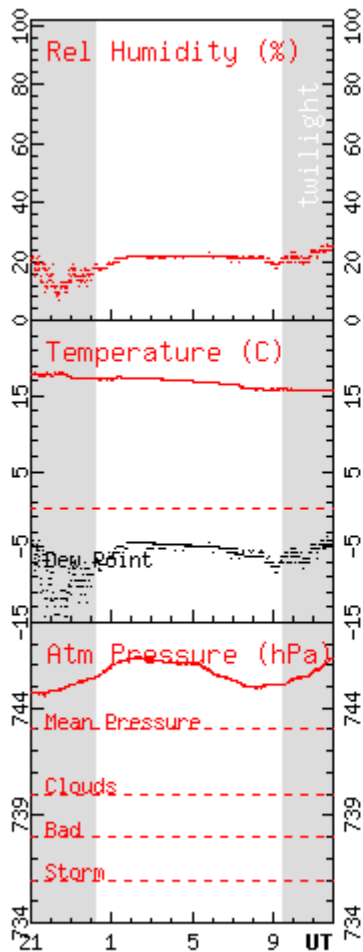
### Overall Comment

### Weather Observations

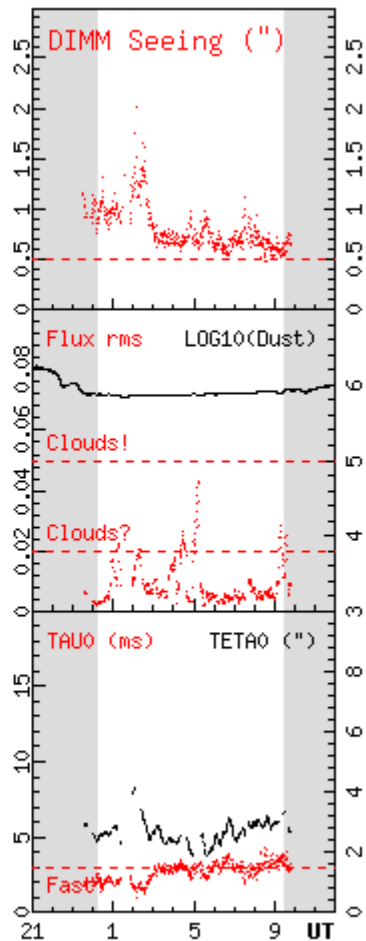
Time	Conditions	Comment
23:08	TN	- <i>Paranal Observatory</i>
01:34	TK	Thick clouds passing by to the NE - <i>Paranal Observatory</i>
03:16	TK	Some thick clouds still passing by. - <i>Paranal Observatory</i>
03:44	TN	Thin clouds passing by. Some thick clouds below 30 deg to N and E. - <i>Paranal Observatory</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



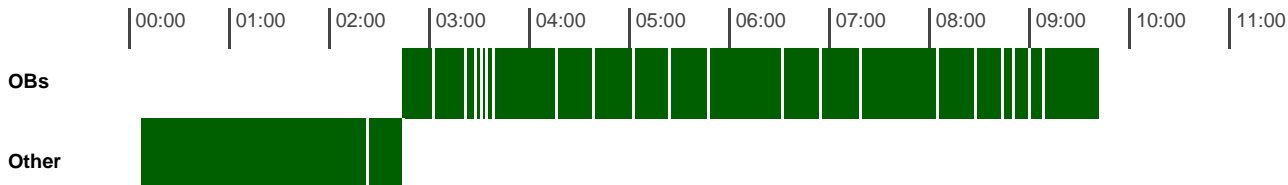
Ambient conditions for  
Paranal  
on the night of  
Sun, March 20, 2016  
Night begin: 00:08 UT  
end: 09:30 UT



ESO - Ambient Conditions Database

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

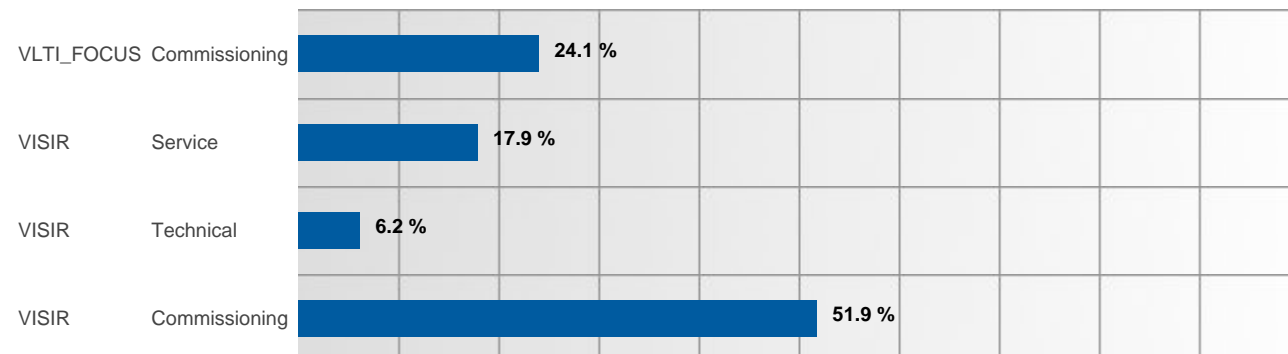
### Timeline



### Time Accounting

#### Total Time

Instrument	Mode	Time spent
VLT_I_FOCUS	Commissioning	02:15:18
VISIR	Service	01:40:49
VISIR	Technical	00:34:39
VISIR	Commissioning	04:51:42



### Instrument Times

Instrument	Mode	Science	Acquisition	Calibration	Standard
VISIR	Service	00:21:19	00:19:35	00:00:00	00:20:40

### 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	00:00:00



Percentages are relative to the night duration of 09:22. 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

#### Public Comments

Time Comment

### Summary of Data

#### Daytime Calibrations

OB ID	from > to	Duration	Run ID	Instrument	OB Name	Grade	Mode
200155281	19:58:27 > 20:10:14	00:11:47	60.A-9050(A)	VIMOS	VIMOS Focus Check	X	Service
200313600	20:02:18 > 20:10:22	00:08:04	60.A-9249(A)	SPHERE	No name	X	Service
200147008	21:10:50 > 21:12:31	00:01:41	60.A-9234(A)	VISIR	Calibration	_	Service
200313600	10:32:09 > 11:29:57	00:57:48	60.A-9249(A)	SPHERE	No name	_	Service
200127566	10:32:15 > 13:34:47	03:02:32	60.A-9050(A)	VIMOS	Calibrations	X	Service
200147008	10:44:03 > 10:44:29	00:00:26	60.A-9234(A)	VISIR	Calibration	_	Service
200147008	10:45:17 > 10:53:15	00:07:58	60.A-9234(A)	VISIR	Calibration	_	Service
200313600	12:09:26 > 12:09:33	00:00:07	60.A-9249(A)	SPHERE	No name	_	Service
200313600	12:10:23 > 12:10:43	00:00:20	60.A-9249(A)	SPHERE	No name	X	Service
200313600	12:23:43 > 13:21:40	00:57:57	60.A-9249(A)	SPHERE	No name	X	Service

#### Nighttime Observations

OB ID	from > to	Duration	Run ID	Instrument	OB Name	Loss Type	Grade	Mode
VLTI_FOCUS Obs.	00:07:41 > 02:23:00	02:15:18		VLTI_FOCUS		No Loss		Commissioning
200351597	02:44:32 > 03:02:24	00:17:52	60.A-9234(A)	VISIR	STD_ima_HD099167_16.6Jy	No Loss	_	Technical
200351597	03:02:32 > 03:21:47	00:19:15	60.A-9234(A)	VISIR	STD_ima_HD099167_16.6Jy	No Loss	X	Service
200351597	03:23:23 > 03:27:41	00:04:18	60.A-9234(A)	VISIR	STD_ima_HD099167_16.6Jy	No Loss	_	Technical
200351597	03:27:47 > 03:31:12	00:03:25	60.A-9234(A)	VISIR	STD_ima_HD099167_16.6Jy	No Loss	_	Technical
200351597	03:31:16 > 03:34:31	00:03:15	60.A-9234(A)	VISIR	STD_ima_HD099167_16.6Jy	No Loss	_	Technical
200351597	03:34:33 > 03:38:34	00:04:01	60.A-9234(A)	VISIR	STD_ima_HD099167_16.6Jy	No Loss	_	Technical
1252561	03:38:46	00:37:42	096.C-0118(A)	VISIR	SCI_VWCHA_HCN_R16_3	No	A	Service

	>								Loss	
	04:16:28									
1252564	04:16:36	00:21:52	096.C-0118(A)	VISIR	CAL_VWCHA_HCN_R16_3	No Loss	A		Service	
	>									
	04:38:28									
1357953	04:38:41	00:24:05	60.A-9629(A)	VISIR	SCI_NGC5506_PAH2_2	No Loss	X		Commissioning	
	>									
	05:02:46									
1357959	05:02:52	00:21:27	60.A-9629(A)	VISIR	CAL_NGC5506_PAH2_2_after_HD126927	No Loss	X		Commissioning	
	>									
	05:24:19									
1357956	05:24:28	00:22:56	60.A-9629(A)	VISIR	CAL_NGC5506_PAH2_2_before_HD121523	No Loss	A		Commissioning	
	>									
	05:47:24									
1357953	05:47:41	00:44:29	60.A-9629(A)	VISIR	SCI_NGC5506_PAH2_2	No Loss	A		Commissioning	
	>									
	06:32:10									
1357959	06:32:18	00:22:18	60.A-9629(A)	VISIR	CAL_NGC5506_PAH2_2_after_HD126927	No Loss	A		Commissioning	
	>									
	06:54:36									
1357926	06:54:42	00:23:54	60.A-9629(A)	VISIR	CAL_Circinus_PAH2_2_before_HD119193	No Loss	A		Commissioning	
	>									
	07:18:36									
1357923	07:18:44	00:45:57	60.A-9629(A)	VISIR	SCI_Circinus_PAH2_2	No Loss	A		Commissioning	
	>									
	08:04:41									
1357929	08:04:48	00:23:01	60.A-9629(A)	VISIR	CAL_Circinus_PAH2_2_after_HD128068	No Loss	A		Commissioning	
	>									
	08:27:49									
1356860	08:28:03	00:15:52	60.A-9637(A)	VISIR	Illup_visir_burst_lykou	No Loss	X		Commissioning	
	>									
	08:43:55									
1356860	08:44:01	00:06:06	60.A-9637(A)	VISIR	Illup_visir_burst_lykou	No Loss	A		Commissioning	
	>									
	08:50:07									
1356863	08:50:15	00:09:44	60.A-9637(A)	VISIR	psf_Illup_hd133550visir_burst_lykou	No Loss	A		Commissioning	
	>									
	08:59:59									
1359343	09:00:14	00:08:19	60.A-9633(A)	VISIR	lagadec_visir_friedegg_burst_NQ	No Loss	_		Commissioning	
	>									
	09:08:33									
1359343	09:08:49	00:34:02	60.A-9633(A)	VISIR	lagadec_visir_friedegg_burst_NQ	No Loss	_		Commissioning	
	>									
	09:42:51									
1359343	09:43:04	00:25:05	60.A-9633(A)	VISIR	lagadec_visir_friedegg_burst_NQ	No Loss	B		Commissioning	
	>									
	10:08:09									
1359346	10:08:33	00:08:50	60.A-9633(A)	VISIR	lagadec_visir_psf_friedegg_burst_NQ_2	No Loss	B		Commissioning	
	>									
	10:17:23									

### Nighttime Losses

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

### NoLoss Downtime Slots

Slot	from > to	Duration	Run ID	Instrument	OB Name	Loss Type	Grade	Mode
Downtime	02:23:00 > 02:44:32	00:21:32		VISIR		No Loss		Service
	Focus change to VISIR 21 Mar 04:43 - Paranal Observatory							

### Daytime Calibrations

OB 200155281 | 19:58:27 > 20:10:14 | 00:11:47 | Mode: Service | Loss: No Loss | Status X > M Grade X

<b>Instrument</b>	VIMOS
<b>Name</b>	VIMOS Focus Check
<b>Target</b>	
<b>PI</b>	VIMOS team
<b>Run</b>	60.A-9050(A)
<b>Container</b>	-
<b>Public Comments</b>	

### Files produced and additional information

<b>OBS.ID</b>	200155281
<b>OBS.START</b>	2016-03-20T19:58:27

**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_AFC080_0003_B.4.fits	VIMOS.2016-03-20T20:03:28.931	Free	R		0.54 e-/adu	1.998
VIMOS_IMG_AFC080_0003_A.2.fits	VIMOS.2016-03-20T20:03:28.932	Free	R		0.55 e-/adu	1.998
VIMOS_IMG_AFC080_0003_B.1.fits	VIMOS.2016-03-20T20:03:28.930	Free	R		0.53 e-/adu	1.998
VIMOS_IMG_AFC080_0003_A.3.fits	VIMOS.2016-03-20T20:03:28.933	Free	R		0.56 e-/adu	1.998
VIMOS_IMG_AFC080_0004_B.1.fits	VIMOS.2016-03-20T20:04:02.233	Free	R		0.53 e-/adu	1.997
VIMOS_IMG_AFC080_0004_B.4.fits	VIMOS.2016-03-20T20:04:02.234	Free	R		0.54 e-/adu	1.997
VIMOS_IMG_AFC080_0004_A.2.fits	VIMOS.2016-03-20T20:04:02.236	Free	R		0.55 e-/adu	1.999
VIMOS_IMG_AFC080_0004_A.3.fits	VIMOS.2016-03-20T20:04:02.235	Free	R		0.56 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_OTHER080_0001_B.4.fits	VIMOS.2016-03-20T20:04:29.398	Free	R	cal_05s_pinhole-4mod2.adp	1.79 e-/adu	0.998
VIMOS_IMG_OTHER080_0001_B.1.fits	VIMOS.2016-03-20T20:04:29.397	Free	R	cal_05s_pinhole-1mod2.adp	1.75 e-/adu	0.998
VIMOS_IMG_OTHER080_0001_A.2.fits	VIMOS.2016-03-20T20:04:29.400	Free	R	cal_05s_pinhole-2mod2.adp	1.81 e-/adu	1.0
VIMOS_IMG_OTHER080_0001_A.3.fits	VIMOS.2016-03-20T20:04:29.399	Free	R	cal_05s_pinhole-3mod2.adp	1.81 e-/adu	1.0

OB 200313600 | 20:02:18 > 20:10:22 | 00:08:04 | Mode: Service | Loss: No Loss | Status X > M Grade X

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

**Files produced and additional information**

**OBS.ID** 200313600

**OBS.START**

**Template** SPHERE\_gen\_cal\_vwfs\_backgnd

**Mode** SAXOCAL

Original Filename	Archive Filename
SPHERE_BACKGROUND_AONGC_2016-03-20T20:04:23.fits	SPHER.2016-03-20T20:04:21.763

**Template** SPHERE\_gen\_cal\_dtts\_backgnd

**Mode** SAXOCAL

Original Filename	Archive Filename
SPHERE_BACKGROUND_DTTS_2016-03-20T20:04:48.fits	SPHER.2016-03-20T20:04:48.504

**Template** SPHERE\_gen\_tec\_hodm\_shape\_comp

**Mode** SAXOCAL

Original Filename	Archive Filename
SPHERE_GEN_TEC_HODM_SHAPE_COMP_2016-03-20T20:06:24.fits	SPHER.2016-03-20T20:06:22.879

**Template** SPHERE\_gen\_cal\_voffset

**Mode** SAXOCAL

Original Filename	Archive Filename
SPHERE_HODM_VOFFSET_2016-03-20T20:06:57.fits	SPHER.2016-03-20T20:06:57.447
SPHERE_ITTM_VOFFSET_2016-03-20T20:06:59.fits	SPHER.2016-03-20T20:06:59.175
SPHERE_DTTP_VOFFSET_2016-03-20T20:07:10.fits	SPHER.2016-03-20T20:07:09.759

**Template** SPHERE\_gen\_tec\_checkao

**Mode** IRDIS\_CI

**INS.COMB.ICOR** N\_NS\_CLEAR

Original Filename	Archive Filename	TPL.EXPNO/TPL.NEXP	INS.COMB.IFLT	DET.SEQ1.DIT/DET.NDIT	DPR.TYPE
SPHERE_GEN_BGND080_0001.fits	SPHER.2016-03-20T20:08:24.323	1/3	DB_NDH23	0.6/3	PSF-CALIBRATOR,BACKGROUND
SPHERE_GEN_OBJ080_0001.fits	SPHER.2016-03-20T20:08:54.332	2/3	DB_NDH23	0.6/3	PSF-CALIBRATOR,LAMP
SPHERE_GEN_OBJ080_0002.fits	SPHER.2016-03-20T20:09:46.814	3/3	DB_NDH23	0.6/3	PSF-CALIBRATOR,LAMP

OB 200147008 | 21:10:50 > 21:12:31 | 00:01:41 | 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**

**OBS.ID** 200147008  
**OBS.START** 2016-03-20T21:10:50  
**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_DARK080_0001.fits	VISIR.2016-03-20T21:11:09.041
VISIR_IMG_DARK080_0002.fits	VISIR.2016-03-20T21:11:32.001
VISIR_IMG_DARK080_0003.fits	VISIR.2016-03-20T21:11:54.106
VISIR_IMG_DARK080_0004.fits	VISIR.2016-03-20T21:12:17.167

**OB 200313600** | **10:32:09 > 11:29:57** | 00:57:48 | Mode: Service | Loss: No Loss | Status A Grade \_

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

**Files produced and additional information**

**OBS.ID** 200313600  
**OBS.START** 2016-03-21T10:32:09  
**Template** SPHERE\_zimpol\_i\_cal\_bias  
**Mode** ZIMPOL\_CAL

**INS.COMB.VCOR**

Original Filename	Archive Filename	TPL.EXPNO/TPL.NEXP	DET.DIT1/DET.NDIT	DPR.TYPE	INS3.OPT12.NAME	INS3.OPT15.NAME	INS3.OPT
SPHERE_ZIMPOL_CAL_BIAS081_0001.fits	SPHER.2016-03-21T10:32:42.208	1/1	0.0/40	BIAS	ND_4.0	OPEN	OPEN
SPHERE_ZIMPOL_CAL_BIAS081_0002.fits	SPHER.2016-03-21T11:28:36.060	1/1	0.0/40	BIAS	ND_4.0	OPEN	OPEN

**Template** SPHERE\_irdifs\_cal\_dark  
**Mode** IRDIFS

**INS.COMB.ICOR** N\_NS\_OPAQUE

Original Filename	Archive Filename	TPL.EXPNO/TPL.NEXP	INS.COMB.IFLT	DET.SEQ1.DIT/DET.NDIT	DPR.TYPE
SPHERE_IRDIFS_IFS_CAL_DARK081_0001.fits	SPHER.2016-03-21T10:33:52.162	1/2	DB_Y23	60.0/10	DARK
SPHERE_IRDIFS_IRDIS_CAL_DARK081_0001.fits	SPHER.2016-03-21T10:33:53.402	2/2	DB_Y23	60.0/10	DARK
SPHERE_IRDIFS_IFS_CAL_DARK081_0002.fits	SPHER.2016-03-21T11:13:05.316	1/12	DB_Y23	1.650726/10	DARK
SPHERE_IRDIFS_IRDIS_CAL_DARK081_0002.fits	SPHER.2016-03-21T11:13:05.844	2/12	DB_Y23	0.837464/10	DARK
SPHERE_IRDIFS_IRDIS_CAL_DARK081_0003.fits	SPHER.2016-03-21T11:13:25.888	3/12	DB_Y23	1.0/10	DARK
SPHERE_IRDIFS_IFS_CAL_DARK081_0003.fits	SPHER.2016-03-21T11:13:43.694	4/12	DB_Y23	1.650726/10	DARK
SPHERE_IRDIFS_IRDIS_CAL_DARK081_0004.fits	SPHER.2016-03-21T11:13:47.369	5/12	DB_Y23	2.0/10	DARK
SPHERE_IRDIFS_IRDIS_CAL_DARK081_0005.fits	SPHER.2016-03-21T11:14:19.339	6/12	DB_Y23	3.0/10	DARK
SPHERE_IRDIFS_IFS_CAL_DARK081_0004.fits	SPHER.2016-03-21T11:14:21.299	7/12	DB_Y23	3.0/10	DARK
SPHERE_IRDIFS_IRDIS_CAL_DARK081_0006.fits	SPHER.2016-03-21T11:15:02.020	8/12	DB_Y23	4.0/10	DARK
SPHERE_IRDIFS_IFS_CAL_DARK081_0005.fits	SPHER.2016-03-21T11:15:12.135	9/12	DB_Y23	5.0/10	DARK
SPHERE_IRDIFS_IRDIS_CAL_DARK081_0007.fits	SPHER.2016-03-21T11:15:53.695	10/12	DB_Y23	5.0/10	DARK
SPHERE_IRDIFS_IFS_CAL_DARK081_0006.fits	SPHER.2016-03-21T11:16:24.184	11/12	DB_Y23	6.0/10	DARK
SPHERE_IRDIFS_IFS_CAL_DARK081_0007.fits	SPHER.2016-03-21T11:17:46.111	12/12	DB_Y23	11.0/10	DARK

**Template** 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.OPT12.NAME	INS3.OPT15.NAME	INS3.OP
SPHERE_ZIMPOL_CAL_DARK081_0001.fits	SPHER.2016-03-21T10:44:43.189	1/1	100.0/1	DARK	ND_4.0	OPEN	OPEN

**Template** SPHERE\_irdifs\_cal\_flat

Mode IRDIFS\_EXT  
INS.COMB.ICOR N\_NS\_CLEAR

Original Filename	Archive Filename	TPL.EXPNO/TPL.NEXP	INS.COMB.IFLT	DET.SEQ1.DIT/DET.NDIT	DPR.TYPE
SPHERE_IRDIFS_IFS_CAL_FLAT081_0001.fits	SPHER.2016-03-21T10:49:41.717	1/15	DB_Y23	1.650726/5	FLAT,LAMP
SPHERE_IRDIFS_IRDIS_CAL_FLAT081_0001.fits	SPHER.2016-03-21T10:50:07.115	2/15	DB_K12	1.0/10	FLAT,LAMP
SPHERE_IRDIFS_IFS_CAL_FLAT081_0002.fits	SPHER.2016-03-21T10:50:07.909	3/15	DB_K12	5.0/5	FLAT,LAMP
SPHERE_IRDIFS_IRDIS_CAL_FLAT081_0002.fits	SPHER.2016-03-21T10:50:28.615	4/15	DB_K12	2.0/10	FLAT,LAMP
SPHERE_IRDIFS_IFS_CAL_FLAT081_0003.fits	SPHER.2016-03-21T10:53:46.396	5/15	DB_K12	3.0/5	FLAT,LAMP
SPHERE_IRDIFS_IRDIS_CAL_FLAT081_0003.fits	SPHER.2016-03-21T10:53:47.181	6/15	DB_K12	3.0/10	FLAT,LAMP
SPHERE_IRDIFS_IFS_CAL_FLAT081_0004.fits	SPHER.2016-03-21T10:54:13.378	7/15	DB_K12	11.0/5	FLAT,LAMP
SPHERE_IRDIFS_IRDIS_CAL_FLAT081_0004.fits	SPHER.2016-03-21T10:54:29.761	8/15	DB_K12	4.0/10	FLAT,LAMP
SPHERE_IRDIFS_IFS_CAL_FLAT081_0005.fits	SPHER.2016-03-21T10:58:22.079	9/15	DB_K12	6.0/5	FLAT,LAMP
SPHERE_IRDIFS_IRDIS_CAL_FLAT081_0005.fits	SPHER.2016-03-21T10:58:22.494	10/15	DB_K12	5.0/10	FLAT,LAMP
SPHERE_IRDIFS_IFS_CAL_FLAT081_0006.fits	SPHER.2016-03-21T10:59:04.028	11/15	DB_K12	22.0/5	FLAT,LAMP
SPHERE_IRDIFS_IFS_CAL_FLAT081_0007.fits	SPHER.2016-03-21T11:04:07.353	12/15	DB_K12	1.650726/5	FLAT,LAMP
SPHERE_IRDIFS_IFS_CAL_FLAT081_0008.fits	SPHER.2016-03-21T11:04:27.390	13/15	DB_K12	5.0/5	FLAT,LAMP
SPHERE_IRDIFS_IFS_CAL_FLAT081_0009.fits	SPHER.2016-03-21T11:08:05.594	14/15	DB_K12	3.0/5	FLAT,LAMP
SPHERE_IRDIFS_IFS_CAL_FLAT081_0010.fits	SPHER.2016-03-21T11:08:33.153	15/15	DB_K12	11.0/5	FLAT,LAMP

Template SPHERE\_irdifs\_cal\_ifsflat

Mode IRDIFS\_EXT

INS.COMB.ICOR N\_NS\_OPAQUE

Original Filename	Archive Filename	TPL.EXPNO/TPL.NEXP	INS.COMB.IFLT	DET.SEQ1.DIT/DET.NDIT	DPR.TYPE
SPHERE_IRDIFS_IFS_CAL_IFSFLAT081_0001.fits	SPHER.2016-03-21T11:10:16.778	1/1	DB_NDH23	1.650726/10	FLAT,LAMP

Template SPHERE\_irdifs\_cal\_wave

Mode IRDIFS\_EXT

INS.COMB.ICOR N\_NS\_OPAQUE

Original Filename	Archive Filename	TPL.EXPNO/TPL.NEXP	INS.COMB.IFLT	DET.SEQ1.DIT/DET.NDIT	DPR.TYPE
SPHERE_IRDIFS_IFS_CAL_WAVE081_0001.fits	SPHER.2016-03-21T11:11:32.031	1/1	DB_NDH23	1.650726/5	WAVE,LAMP

Template SPHERE\_irdifs\_cal\_specpos

Mode IRDIFS\_EXT

INS.COMB.ICOR N\_NS\_OPAQUE

Original Filename	Archive Filename	TPL.EXPNO/TPL.NEXP	INS.COMB.IFLT	DET.SEQ1.DIT/DET.NDIT	DPR.TYPE
SPHERE_IRDIFS_IFS_CAL_IFSFLAT081_0002.fits	SPHER.2016-03-21T11:12:19.079	1/1	DB_NDH23	1.650726/5	SPECPOS,LAMP

Template SPHERE\_irdis\_cal\_flat

Mode IRDIS\_CI

INS.COMB.ICOR N\_NS\_CLEAR

Original Filename	Archive Filename	TPL.EXPNO/TPL.NEXP	INS.COMB.IFLT	DET.SEQ1.DIT/DET.NDIT	DPR.TYPE
SPHERE_IRDIS_CAL_FLAT081_0001.fits	SPHER.2016-03-21T11:20:37.979	1/5	BB_H	1.0/10	FLAT,LAMP
SPHERE_IRDIS_CAL_FLAT081_0002.fits	SPHER.2016-03-21T11:21:00.197	2/5	BB_H	2.0/10	FLAT,LAMP
SPHERE_IRDIS_CAL_FLAT081_0003.fits	SPHER.2016-03-21T11:21:31.141	3/5	BB_H	3.0/10	FLAT,LAMP
SPHERE_IRDIS_CAL_FLAT081_0004.fits	SPHER.2016-03-21T11:22:13.354	4/5	BB_H	4.0/10	FLAT,LAMP
SPHERE_IRDIS_CAL_FLAT081_0005.fits	SPHER.2016-03-21T11:23:04.297	5/5	BB_H	5.0/10	FLAT,LAMP

Template SPHERE\_irdis\_cal\_dark

Mode IRDIS\_CI

INS.COMB.ICOR N\_NS\_OPAQUE

Original Filename	Archive Filename	TPL.EXPNO/TPL.NEXP	INS.COMB.IFLT	DET.SEQ1.DIT/DET.NDIT	DPR.TYPE
SPHERE_IRDIS_CAL_DARK081_0001.fits	SPHER.2016-03-21T11:24:35.965	1/5	DB_NDH23	1.0/10	DARK
SPHERE_IRDIS_CAL_DARK081_0002.fits	SPHER.2016-03-21T11:24:58.126	2/5	DB_NDH23	2.0/10	DARK
SPHERE_IRDIS_CAL_DARK081_0003.fits	SPHER.2016-03-21T11:25:29.284	3/5	DB_NDH23	3.0/10	DARK
SPHERE_IRDIS_CAL_DARK081_0004.fits	SPHER.2016-03-21T11:26:11.361	4/5	DB_NDH23	4.0/10	DARK
SPHERE_IRDIS_CAL_DARK081_0005.fits	SPHER.2016-03-21T11:27:02.460	5/5	DB_NDH23	5.0/10	DARK

OB 200127566 | 10:32:15 > 13:34:47 | 03:02:32 | 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 2016-03-21T10:32:15

**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_BIAS081_0001_B.1.fits	VIMOS.2016-03-21T10:32:34.559	Free	1.75 e-/adu	0.0
VIMOS_IMG_BIAS081_0001_B.4.fits	VIMOS.2016-03-21T10:32:34.560	Free	1.79 e-/adu	0.0
VIMOS_IMG_BIAS081_0001_A.3.fits	VIMOS.2016-03-21T10:32:34.565	Free	1.81 e-/adu	0.0
VIMOS_IMG_BIAS081_0001_A.2.fits	VIMOS.2016-03-21T10:32:34.564	Free	1.81 e-/adu	0.0
VIMOS_IMG_BIAS081_0002_B.4.fits	VIMOS.2016-03-21T10:33:11.823	Free	1.79 e-/adu	0.0
VIMOS_IMG_BIAS081_0002_B.1.fits	VIMOS.2016-03-21T10:33:11.824	Free	1.75 e-/adu	0.0
VIMOS_IMG_BIAS081_0002_A.2.fits	VIMOS.2016-03-21T10:33:11.828	Free	1.81 e-/adu	0.0
VIMOS_IMG_BIAS081_0002_A.3.fits	VIMOS.2016-03-21T10:33:11.829	Free	1.81 e-/adu	0.0
VIMOS_IMG_BIAS081_0003_A.3.fits	VIMOS.2016-03-21T10:33:48.833	Free	1.81 e-/adu	0.0
VIMOS_IMG_BIAS081_0003_A.2.fits	VIMOS.2016-03-21T10:33:48.834	Free	1.81 e-/adu	0.0
VIMOS_IMG_BIAS081_0003_B.4.fits	VIMOS.2016-03-21T10:33:48.838	Free	1.79 e-/adu	0.0
VIMOS_IMG_BIAS081_0003_B.1.fits	VIMOS.2016-03-21T10:33:48.837	Free	1.75 e-/adu	0.0
VIMOS_IMG_BIAS081_0004_A.3.fits	VIMOS.2016-03-21T10:34:25.829	Free	1.81 e-/adu	0.0
VIMOS_IMG_BIAS081_0004_A.2.fits	VIMOS.2016-03-21T10:34:25.828	Free	1.81 e-/adu	0.0
VIMOS_IMG_BIAS081_0004_B.1.fits	VIMOS.2016-03-21T10:34:25.832	Free	1.75 e-/adu	0.0
VIMOS_IMG_BIAS081_0004_B.4.fits	VIMOS.2016-03-21T10:34:25.831	Free	1.79 e-/adu	0.0
VIMOS_IMG_BIAS081_0005_A.2.fits	VIMOS.2016-03-21T10:35:02.833	Free	1.81 e-/adu	0.0
VIMOS_IMG_BIAS081_0005_A.3.fits	VIMOS.2016-03-21T10:35:02.832	Free	1.81 e-/adu	0.0
VIMOS_IMG_BIAS081_0005_B.1.fits	VIMOS.2016-03-21T10:35:02.835	Free	1.75 e-/adu	0.0
VIMOS_IMG_BIAS081_0005_B.4.fits	VIMOS.2016-03-21T10:35:02.836	Free	1.79 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_BIAS081_0001_A.3.fits	VIMOS.2016-03-21T10:35:58.529	Free	Free		0.56 e-/adu	0.0
VIMOS_SPEC_BIAS081_0001_A.2.fits	VIMOS.2016-03-21T10:35:58.530	Free	Free		0.6 e-/adu	0.0
VIMOS_SPEC_BIAS081_0001_B.1.fits	VIMOS.2016-03-21T10:35:58.532	Free	Free		0.55 e-/adu	0.0
VIMOS_SPEC_BIAS081_0001_B.4.fits	VIMOS.2016-03-21T10:35:58.531	Free	Free		0.57 e-/adu	0.0
VIMOS_SPEC_BIAS081_0002_A.3.fits	VIMOS.2016-03-21T10:36:49.876	Free	Free		0.56 e-/adu	0.0
VIMOS_SPEC_BIAS081_0002_A.2.fits	VIMOS.2016-03-21T10:36:49.877	Free	Free		0.6 e-/adu	0.0
VIMOS_SPEC_BIAS081_0002_B.1.fits	VIMOS.2016-03-21T10:36:49.878	Free	Free		0.55 e-/adu	0.0
VIMOS_SPEC_BIAS081_0002_B.4.fits	VIMOS.2016-03-21T10:36:49.879	Free	Free		0.57 e-/adu	0.0
VIMOS_SPEC_BIAS081_0003_A.3.fits	VIMOS.2016-03-21T10:37:40.862	Free	Free		0.56 e-/adu	0.0
VIMOS_SPEC_BIAS081_0003_A.2.fits	VIMOS.2016-03-21T10:37:40.865	Free	Free		0.6 e-/adu	0.0
VIMOS_SPEC_BIAS081_0003_B.4.fits	VIMOS.2016-03-21T10:37:40.863	Free	Free		0.57 e-/adu	0.0
VIMOS_SPEC_BIAS081_0003_B.1.fits	VIMOS.2016-03-21T10:37:40.864	Free	Free		0.55 e-/adu	0.0
VIMOS_SPEC_BIAS081_0004_B.4.fits	VIMOS.2016-03-21T10:38:31.860	Free	Free		0.57 e-/adu	0.0
VIMOS_SPEC_BIAS081_0004_A.3.fits	VIMOS.2016-03-21T10:38:31.862	Free	Free		0.56 e-/adu	0.0
VIMOS_SPEC_BIAS081_0004_B.1.fits	VIMOS.2016-03-21T10:38:31.859	Free	Free		0.55 e-/adu	0.0
VIMOS_SPEC_BIAS081_0004_A.2.fits	VIMOS.2016-03-21T10:38:31.861	Free	Free		0.6 e-/adu	0.0
VIMOS_SPEC_BIAS081_0005_B.1.fits	VIMOS.2016-03-21T10:39:22.854	Free	Free		0.55 e-/adu	0.0
VIMOS_SPEC_BIAS081_0005_B.4.fits	VIMOS.2016-03-21T10:39:22.855	Free	Free		0.57 e-/adu	0.0
VIMOS_SPEC_BIAS081_0005_A.2.fits	VIMOS.2016-03-21T10:39:22.856	Free	Free		0.6 e-/adu	0.0
VIMOS_SPEC_BIAS081_0005_A.3.fits	VIMOS.2016-03-21T10:39:22.857	Free	Free		0.56 e-/adu	0.0

**Template** VIMOS\_img\_tec\_Focus\_Pinhole  
**Data Product** CALIB/FOCUS/MOS  
**CCD** 625kHz, 1port, LGCenter/1x1/2048x2440

**Lamps**

Original Filename	Archive Filename	Grism	Filter	INS.ADF.ID	DET.OUT1.CONAD	EXPTIME
VIMOS_MOS_FOCUS081_0001_B.4.fits	VIMOS.2016-03-21T12:29:14.087	Free	R		1.9 e-/adu	0.999
VIMOS_MOS_FOCUS081_0001_B.1.fits	VIMOS.2016-03-21T12:29:14.086	Free	R		1.9 e-/adu	0.999
VIMOS_MOS_FOCUS081_0001_A.2.fits	VIMOS.2016-03-21T12:29:14.094	Free	R		1.9 e-/adu	1.0
VIMOS_MOS_FOCUS081_0001_A.3.fits	VIMOS.2016-03-21T12:29:14.095	Free	R		1.9 e-/adu	1.0
VIMOS_MOS_FOCUS081_0002_A.3.fits	VIMOS.2016-03-21T12:30:07.551	Free	R		1.9 e-/adu	1.0
VIMOS_MOS_FOCUS081_0002_A.2.fits	VIMOS.2016-03-21T12:30:07.550	Free	R		1.9 e-/adu	1.0
VIMOS_MOS_FOCUS081_0002_B.1.fits	VIMOS.2016-03-21T12:30:07.553	Free	R		1.9 e-/adu	0.998
VIMOS_MOS_FOCUS081_0002_B.4.fits	VIMOS.2016-03-21T12:30:07.552	Free	R		1.9 e-/adu	0.998
VIMOS_MOS_FOCUS081_0003_A.2.fits	VIMOS.2016-03-21T12:31:00.567	Free	R		1.9 e-/adu	1.0
VIMOS_MOS_FOCUS081_0003_A.3.fits	VIMOS.2016-03-21T12:31:00.570	Free	R		1.9 e-/adu	1.0
VIMOS_MOS_FOCUS081_0003_B.4.fits	VIMOS.2016-03-21T12:31:00.568	Free	R		1.9 e-/adu	0.998





VIMOS_MOS_FOCUS081_0027_A.2.fits	VIMOS.2016-03-21T12:59:17.554	Free	R		1.9 e-/adu	1.0
VIMOS_MOS_FOCUS081_0027_A.3.fits	VIMOS.2016-03-21T12:59:17.555	Free	R		1.9 e-/adu	1.0
VIMOS_MOS_FOCUS081_0028_A.2.fits	VIMOS.2016-03-21T13:00:12.651	Free	R		1.9 e-/adu	1.0
VIMOS_MOS_FOCUS081_0028_A.3.fits	VIMOS.2016-03-21T13:00:12.652	Free	R		1.9 e-/adu	1.0
VIMOS_MOS_FOCUS081_0028_B.4.fits	VIMOS.2016-03-21T13:00:12.654	Free	R		1.9 e-/adu	0.996
VIMOS_MOS_FOCUS081_0028_B.1.fits	VIMOS.2016-03-21T13:00:12.653	Free	R		1.9 e-/adu	0.996

**Template** VIMOS\_img\_tec\_Focus\_Pinhole

**Data Product** CALIB/FOCUS/MOS

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

**Lamps** QTH50 / Afc

Original Filename	Archive Filename	Grism	Filter	INS.ADF.ID	DET.OUT1.CONAD	EXPTIME
VIMOS_MOS_FOCUS081_0008_A.2.fits	VIMOS.2016-03-21T12:37:37.238	Free	B		1.9 e-/adu	2.999
VIMOS_MOS_FOCUS081_0008_A.3.fits	VIMOS.2016-03-21T12:37:37.237	Free	B		1.9 e-/adu	2.999
VIMOS_MOS_FOCUS081_0008_B.4.fits	VIMOS.2016-03-21T12:37:37.242	Free	B		1.9 e-/adu	2.997
VIMOS_MOS_FOCUS081_0008_B.1.fits	VIMOS.2016-03-21T12:37:37.241	Free	B		1.9 e-/adu	2.997
VIMOS_MOS_FOCUS081_0009_A.2.fits	VIMOS.2016-03-21T12:38:31.565	Free	B		1.9 e-/adu	3.0
VIMOS_MOS_FOCUS081_0009_A.3.fits	VIMOS.2016-03-21T12:38:31.566	Free	B		1.9 e-/adu	3.0
VIMOS_MOS_FOCUS081_0009_B.1.fits	VIMOS.2016-03-21T12:38:31.568	Free	B		1.9 e-/adu	2.996
VIMOS_MOS_FOCUS081_0009_B.4.fits	VIMOS.2016-03-21T12:38:31.569	Free	B		1.9 e-/adu	2.996
VIMOS_MOS_FOCUS081_0010_A.2.fits	VIMOS.2016-03-21T12:39:26.531	Free	B		1.9 e-/adu	3.0
VIMOS_MOS_FOCUS081_0010_A.3.fits	VIMOS.2016-03-21T12:39:26.532	Free	B		1.9 e-/adu	3.0
VIMOS_MOS_FOCUS081_0010_B.1.fits	VIMOS.2016-03-21T12:39:26.534	Free	B		1.9 e-/adu	2.996
VIMOS_MOS_FOCUS081_0010_B.4.fits	VIMOS.2016-03-21T12:39:26.535	Free	B		1.9 e-/adu	2.996
VIMOS_MOS_FOCUS081_0011_A.3.fits	VIMOS.2016-03-21T12:40:20.569	Free	B		1.9 e-/adu	2.999
VIMOS_MOS_FOCUS081_0011_A.2.fits	VIMOS.2016-03-21T12:40:20.572	Free	B		1.9 e-/adu	2.999
VIMOS_MOS_FOCUS081_0011_B.1.fits	VIMOS.2016-03-21T12:40:20.570	Free	B		1.9 e-/adu	2.996
VIMOS_MOS_FOCUS081_0011_B.4.fits	VIMOS.2016-03-21T12:40:20.571	Free	B		1.9 e-/adu	2.996
VIMOS_MOS_FOCUS081_0012_A.3.fits	VIMOS.2016-03-21T12:41:15.548	Free	B		1.9 e-/adu	2.999
VIMOS_MOS_FOCUS081_0012_A.2.fits	VIMOS.2016-03-21T12:41:15.545	Free	B		1.9 e-/adu	2.999
VIMOS_MOS_FOCUS081_0012_B.1.fits	VIMOS.2016-03-21T12:41:15.547	Free	B		1.9 e-/adu	2.996
VIMOS_MOS_FOCUS081_0012_B.4.fits	VIMOS.2016-03-21T12:41:15.546	Free	B		1.9 e-/adu	2.996
VIMOS_MOS_FOCUS081_0013_B.4.fits	VIMOS.2016-03-21T12:42:11.532	Free	B		1.9 e-/adu	2.995
VIMOS_MOS_FOCUS081_0013_A.3.fits	VIMOS.2016-03-21T12:42:11.535	Free	B		1.9 e-/adu	3.0
VIMOS_MOS_FOCUS081_0013_B.1.fits	VIMOS.2016-03-21T12:42:11.533	Free	B		1.9 e-/adu	2.995
VIMOS_MOS_FOCUS081_0013_A.2.fits	VIMOS.2016-03-21T12:42:11.534	Free	B		1.9 e-/adu	3.0
VIMOS_MOS_FOCUS081_0014_B.4.fits	VIMOS.2016-03-21T12:43:07.550	Free	B		1.9 e-/adu	2.995
VIMOS_MOS_FOCUS081_0014_B.1.fits	VIMOS.2016-03-21T12:43:07.549	Free	B		1.9 e-/adu	2.995
VIMOS_MOS_FOCUS081_0014_A.3.fits	VIMOS.2016-03-21T12:43:07.551	Free	B		1.9 e-/adu	2.999
VIMOS_MOS_FOCUS081_0014_A.2.fits	VIMOS.2016-03-21T12:43:07.552	Free	B		1.9 e-/adu	2.999

**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_LAMP081_0001_B.1.fits	VIMOS.2016-03-21T13:09:52.028	HR_orange	GG435	0.67	small	0.55 e-/adu	19.999
VIMOS_IFU_LAMP081_0001_B.4.fits	VIMOS.2016-03-21T13:09:52.027	HR_orange	GG435	0.67	small	0.57 e-/adu	19.999
VIMOS_IFU_LAMP081_0001_A.3.fits	VIMOS.2016-03-21T13:09:52.036	HR_orange	GG435	0.67	small	0.56 e-/adu	19.999
VIMOS_IFU_LAMP081_0001_A.2.fits	VIMOS.2016-03-21T13:09:52.035	HR_orange	GG435	0.67	small	0.6 e-/adu	19.999
VIMOS_IFU_LAMP081_0002_A.3.fits	VIMOS.2016-03-21T13:11:13.058	HR_orange	GG435	0.67	small	0.56 e-/adu	19.999
VIMOS_IFU_LAMP081_0002_A.2.fits	VIMOS.2016-03-21T13:11:13.055	HR_orange	GG435	0.67	small	0.6 e-/adu	19.999
VIMOS_IFU_LAMP081_0002_B.4.fits	VIMOS.2016-03-21T13:11:13.057	HR_orange	GG435	0.67	small	0.57 e-/adu	19.998
VIMOS_IFU_LAMP081_0002_B.1.fits	VIMOS.2016-03-21T13:11:13.056	HR_orange	GG435	0.67	small	0.55 e-/adu	19.998
VIMOS_IFU_LAMP081_0003_B.1.fits	VIMOS.2016-03-21T13:12:34.036	HR_orange	GG435	0.67	small	0.55 e-/adu	19.998
VIMOS_IFU_LAMP081_0003_A.3.fits	VIMOS.2016-03-21T13:12:34.039	HR_orange	GG435	0.67	small	0.56 e-/adu	20.0
VIMOS_IFU_LAMP081_0003_A.2.fits	VIMOS.2016-03-21T13:12:34.038	HR_orange	GG435	0.67	small	0.6 e-/adu	20.0
VIMOS_IFU_LAMP081_0003_B.4.fits	VIMOS.2016-03-21T13:12:34.037	HR_orange	GG435	0.67	small	0.57 e-/adu	19.998
VIMOS_IFU_LAMP081_0004_B.1.fits	VIMOS.2016-03-21T13:13:55.035	HR_orange	GG435	0.67	small	0.55 e-/adu	19.998
VIMOS_IFU_LAMP081_0004_B.4.fits	VIMOS.2016-03-21T13:13:55.034	HR_orange	GG435	0.67	small	0.57 e-/adu	19.998
VIMOS_IFU_LAMP081_0004_A.3.fits	VIMOS.2016-03-21T13:13:55.036	HR_orange	GG435	0.67	small	0.56 e-/adu	19.999
VIMOS_IFU_LAMP081_0004_A.2.fits	VIMOS.2016-03-21T13:13:55.037	HR_orange	GG435	0.67	small	0.6 e-/adu	19.999
VIMOS_IFU_LAMP081_0005_B.4.fits	VIMOS.2016-03-21T13:15:16.034	HR_orange	GG435	0.67	small	0.57 e-/adu	19.996
VIMOS_IFU_LAMP081_0005_B.1.fits	VIMOS.2016-03-21T13:15:16.033	HR_orange	GG435	0.67	small	0.55 e-/adu	19.996
VIMOS_IFU_LAMP081_0005_A.2.fits	VIMOS.2016-03-21T13:15:16.047	HR_orange	GG435	0.67	small	0.6 e-/adu	20.0
VIMOS_IFU_LAMP081_0005_A.3.fits	VIMOS.2016-03-21T13:15:16.046	HR_orange	GG435	0.67	small	0.56 e-/adu	20.0
VIMOS_IFU_LAMP081_0006_A.2.fits	VIMOS.2016-03-21T13:21:39.845	LR_red	OS-red	0.33	small	0.6 e-/adu	1.0
VIMOS_IFU_LAMP081_0006_A.3.fits	VIMOS.2016-03-21T13:21:39.848	LR_red	OS-red	0.33	small	0.56 e-/adu	1.0

VIMOS_IFU_LAMP081_0006_B.1.fits	VIMOS.2016-03-21T13:21:39.846	LR_red	OS-red	0.33	small	0.55 e-/adu	0.996
VIMOS_IFU_LAMP081_0006_B.4.fits	VIMOS.2016-03-21T13:21:39.847	LR_red	OS-red	0.33	small	0.57 e-/adu	0.996
VIMOS_IFU_LAMP081_0007_B.4.fits	VIMOS.2016-03-21T13:22:42.064	LR_red	OS-red	0.33	small	0.57 e-/adu	0.996
VIMOS_IFU_LAMP081_0007_B.1.fits	VIMOS.2016-03-21T13:22:42.063	LR_red	OS-red	0.33	small	0.55 e-/adu	0.996
VIMOS_IFU_LAMP081_0007_A.2.fits	VIMOS.2016-03-21T13:22:42.074	LR_red	OS-red	0.33	small	0.6 e-/adu	0.999
VIMOS_IFU_LAMP081_0007_A.3.fits	VIMOS.2016-03-21T13:22:42.073	LR_red	OS-red	0.33	small	0.56 e-/adu	0.999
VIMOS_IFU_LAMP081_0008_B.4.fits	VIMOS.2016-03-21T13:23:44.033	LR_red	OS-red	0.33	small	0.57 e-/adu	0.996
VIMOS_IFU_LAMP081_0008_B.1.fits	VIMOS.2016-03-21T13:23:44.030	LR_red	OS-red	0.33	small	0.55 e-/adu	0.996
VIMOS_IFU_LAMP081_0008_A.2.fits	VIMOS.2016-03-21T13:23:44.032	LR_red	OS-red	0.33	small	0.6 e-/adu	0.999
VIMOS_IFU_LAMP081_0008_A.3.fits	VIMOS.2016-03-21T13:23:44.031	LR_red	OS-red	0.33	small	0.56 e-/adu	0.999
VIMOS_IFU_LAMP081_0009_B.4.fits	VIMOS.2016-03-21T13:24:46.027	LR_red	OS-red	0.33	small	0.57 e-/adu	0.995
VIMOS_IFU_LAMP081_0009_B.1.fits	VIMOS.2016-03-21T13:24:46.028	LR_red	OS-red	0.33	small	0.55 e-/adu	0.995
VIMOS_IFU_LAMP081_0009_A.2.fits	VIMOS.2016-03-21T13:24:46.030	LR_red	OS-red	0.33	small	0.6 e-/adu	0.999
VIMOS_IFU_LAMP081_0009_A.3.fits	VIMOS.2016-03-21T13:24:46.029	LR_red	OS-red	0.33	small	0.56 e-/adu	0.999
VIMOS_IFU_LAMP081_0010_A.3.fits	VIMOS.2016-03-21T13:25:49.027	LR_red	OS-red	0.33	small	0.56 e-/adu	0.999
VIMOS_IFU_LAMP081_0010_A.2.fits	VIMOS.2016-03-21T13:25:49.028	LR_red	OS-red	0.33	small	0.6 e-/adu	0.999
VIMOS_IFU_LAMP081_0010_B.1.fits	VIMOS.2016-03-21T13:25:49.034	LR_red	OS-red	0.33	small	0.55 e-/adu	0.996
VIMOS_IFU_LAMP081_0010_B.4.fits	VIMOS.2016-03-21T13:25:49.035	LR_red	OS-red	0.33	small	0.57 e-/adu	0.996

**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_WAVE081_0001_B.4.fits	VIMOS.2016-03-21T13:16:31.362	HR_orange	GG435	0.67	small	0.57 e-/adu	12.984
VIMOS_IFU_WAVE081_0001_B.1.fits	VIMOS.2016-03-21T13:16:31.363	HR_orange	GG435	0.67	small	0.55 e-/adu	12.984
VIMOS_IFU_WAVE081_0001_A.2.fits	VIMOS.2016-03-21T13:16:31.367	HR_orange	GG435	0.67	small	0.6 e-/adu	12.999
VIMOS_IFU_WAVE081_0001_A.3.fits	VIMOS.2016-03-21T13:16:31.366	HR_orange	GG435	0.67	small	0.56 e-/adu	12.999

**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_WAVE081_0002_A.2.fits	VIMOS.2016-03-21T13:26:46.346	LR_red	OS-red	0.33	small	0.6 e-/adu	9.998
VIMOS_IFU_WAVE081_0002_A.3.fits	VIMOS.2016-03-21T13:26:46.345	LR_red	OS-red	0.33	small	0.56 e-/adu	9.998
VIMOS_IFU_WAVE081_0002_B.1.fits	VIMOS.2016-03-21T13:26:46.350	LR_red	OS-red	0.33	small	0.55 e-/adu	9.983
VIMOS_IFU_WAVE081_0002_B.4.fits	VIMOS.2016-03-21T13:26:46.351	LR_red	OS-red	0.33	small	0.57 e-/adu	9.983

**OB 200147008** | 10:44:03 > 10:44:29 | 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 200147008** | 10:45:17 > 10:53:15 | 00:07:58 | Mode: Service | Loss: No Loss | Status X

Grade \_

**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** 2016-03-21T10:45:17  
**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_DARK081_0001.fits	VISIR.2016-03-21T10:45:19.882
VISIR_IMG_DARK081_0002.fits	VISIR.2016-03-21T10:45:42.244
VISIR_IMG_DARK081_0003.fits	VISIR.2016-03-21T10:46:04.363
VISIR_IMG_DARK081_0004.fits	VISIR.2016-03-21T10:46:26.482
VISIR_IMG_DARK081_0005.fits	VISIR.2016-03-21T10:46:48.607
VISIR_IMG_DARK081_0006.fits	VISIR.2016-03-21T10:47:10.739
VISIR_IMG_DARK081_0007.fits	VISIR.2016-03-21T10:47:32.870
VISIR_IMG_DARK081_0008.fits	VISIR.2016-03-21T10:47:54.999
VISIR_IMG_DARK081_0009.fits	VISIR.2016-03-21T10:48:17.324
VISIR_IMG_DARK081_0010.fits	VISIR.2016-03-21T10:48:39.450

**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_DARK081_0001.fits	VISIR.2016-03-21T10:49:19.977
VISIR_SPC_DARK081_0002.fits	VISIR.2016-03-21T10:49:42.170
VISIR_SPC_DARK081_0003.fits	VISIR.2016-03-21T10:50:04.303
VISIR_SPC_DARK081_0004.fits	VISIR.2016-03-21T10:50:26.416
VISIR_SPC_DARK081_0005.fits	VISIR.2016-03-21T10:50:48.542
VISIR_SPC_DARK081_0006.fits	VISIR.2016-03-21T10:51:10.668
VISIR_SPC_DARK081_0007.fits	VISIR.2016-03-21T10:51:32.802
VISIR_SPC_DARK081_0008.fits	VISIR.2016-03-21T10:51:54.916
VISIR_SPC_DARK081_0009.fits	VISIR.2016-03-21T10:52:17.046
VISIR_SPC_DARK081_0010.fits	VISIR.2016-03-21T10:52:39.157

**OB 200313600 | 12:09:26 > 12:09:33 | 00:00:07 | Mode: Service | Loss: No Loss | Status A**

Grade \_

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

**Public Comments**

**Files produced and additional information**

No files produced

**OB 200313600 | 12:10:23 > 12:10:43 | 00:00:20 | Mode: Service | Loss: No Loss | Status X > M**

Grade X

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

**Public Comments**

**Files produced and additional information**

No files produced

**OB 200313600 | 12:23:43 > 13:21:40 | 00:57:57 | Mode: Service | Loss: No Loss | Status X > M**

Grade X

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

**Public Comments**

**Files produced and additional information**

OBS.ID 200313600

OBS.START

Template SPHERE\_gen\_cal\_vwfs\_backgnd

Mode SAXOCAL

Original Filename

Archive Filename

SPHERE\_BACKGROUND\_AONGC\_2016-03-21T12:26:33.fits SPHER.2016-03-21T12:26:32.326

Template SPHERE\_gen\_cal\_dtts\_backgnd

Mode SAXOCAL

Original Filename

Archive Filename

SPHERE\_BACKGROUND\_DTTS\_2016-03-21T12:27:01.fits SPHER.2016-03-21T12:27:01.089

Template SPHERE\_gen\_tec\_hodm\_shape\_comp

Mode SAXOCAL

Original Filename

Archive Filename

SPHERE\_GEN\_TEC\_HODM\_SHAPE\_COMP\_2016-03-21T12:28:46.fits SPHER.2016-03-21T12:28:45.615

Template SPHERE\_gen\_cal\_voffset

Mode SAXOCAL

Original Filename

Archive Filename

SPHERE\_HODM\_VOFFSET\_2016-03-21T12:29:25.fits SPHER.2016-03-21T12:29:24.780

SPHERE\_ITTM\_VOFFSET\_2016-03-21T12:29:27.fits SPHER.2016-03-21T12:29:26.716

SPHERE\_DTTP\_VOFFSET\_2016-03-21T12:29:37.fits SPHER.2016-03-21T12:29:37.499

SPHERE\_HODM\_VOFFSET\_2016-03-21T12:53:31.fits SPHER.2016-03-21T12:53:30.684

SPHERE\_ITTM\_VOFFSET\_2016-03-21T12:53:33.fits SPHER.2016-03-21T12:53:32.706

SPHERE\_DTTP\_VOFFSET\_2016-03-21T12:53:44.fits SPHER.2016-03-21T12:53:42.893

Template SPHERE\_gen\_cal\_imatrix

Mode SAXOCAL

Original Filename

Archive Filename

SPHERE\_VISHO\_IMATRIX\_2016-03-21T12:48:48.fits SPHER.2016-03-21T12:48:46.981

Template SPHERE\_gen\_cal\_imatrix\_ittm

Mode SAXOCAL

Original Filename

Archive Filename

SPHERE\_VISTT\_IMATRIX\_2016-03-21T12:49:18.fits SPHER.2016-03-21T12:49:18.129

Template SPHERE\_gen\_cal\_imatrix\_dtt

Mode SAXOCAL

Original Filename

Archive Filename

SPHERE\_DTT\_IMATRIX\_2016-03-21T12:50:04.fits SPHER.2016-03-21T12:50:03.471

Template SPHERE\_gen\_tec\_save\_clmatrices

Mode SAXOCAL

Original Filename

Archive Filename

RTC.HODM\_USED\_ACT\_MAP\_2016-03-21T12:52:34.fits SPHER.2016-03-21T12:52:33.159

RTC.HODM\_UNUSED\_ACT\_MAP\_2016-03-21T12:52:35.fits SPHER.2016-03-21T12:52:35.285

CLMatrixOptimiser.M2K\_FULL\_2016-03-21T12:52:36.fits SPHER.2016-03-21T12:52:36.304

CLMatrixOptimiser.HO\_IM\_2016-03-21T12:52:37.fits SPHER.2016-03-21T12:52:37.324

CLMatrixOptimiser.ITT\_IM\_2016-03-21T12:52:39.fits SPHER.2016-03-21T12:52:38.862

CLMatrixOptimiser.TTM\_SLP\_BASIS\_CHNG\_2016-03-21T12:52:39.fits SPHER.2016-03-21T12:52:39.588

CLMatrixOptimiser.PROJ\_PAR\_2016-03-21T12:52:40.fits SPHER.2016-03-21T12:52:40.210

CLMatrixOptimiser.PROJ\_ORTH\_2016-03-21T12:52:41.fits SPHER.2016-03-21T12:52:41.195

CLMatrixOptimiser.D\_CROSS\_2016-03-21T12:52:42.fits SPHER.2016-03-21T12:52:42.620

CLMatrixOptimiser.U\_CROSS\_2016-03-21T12:52:43.fits SPHER.2016-03-21T12:52:43.329

CLMatrixOptimiser.K2V\_2016-03-21T12:52:44.fits SPHER.2016-03-21T12:52:44.452

CLMatrixOptimiser.HO\_DIM\_2016-03-21T12:52:45.fits SPHER.2016-03-21T12:52:45.454

VisTTCtr.ACT2WFS\_MATRIX\_2016-03-21T12:52:46.fits SPHER.2016-03-21T12:52:46.387

VisTTCtr.DEFAULT\_STATE2ACT\_MATRIX\_2016-03-21T12:52:47.fits SPHER.2016-03-21T12:52:47.104

VisTTCtr.STATE2ACT\_MATRIX\_2016-03-21T12:52:48.fits SPHER.2016-03-21T12:52:47.830

CLMatrixOptimiser.M2S\_2016-03-21T12:52:48.fits SPHER.2016-03-21T12:52:48.599

CLMatrixOptimiser.S2M\_2016-03-21T12:52:49.fits SPHER.2016-03-21T12:52:49.662

CLMatrixOptimiser.V2M\_2016-03-21T12:52:50.fits SPHER.2016-03-21T12:52:50.560

CLMatrixOptimiser.M2V\_2016-03-21T12:52:52.fits SPHER.2016-03-21T12:52:51.761

VisHOGarbageCollect.PROJECTOR\_2016-03-21T12:52:53.fits SPHER.2016-03-21T12:52:52.997

VisLoopMonitor.SLOPES2TT\_2016-03-21T12:52:54.fits SPHER.2016-03-21T12:52:54.224

VisLoopMonitor.SLOPES2FOCUS\_2016-03-21T12:52:55.fits SPHER.2016-03-21T12:52:54.837

RTC.DTT\_IM\_2016-03-21T12:52:55.fits SPHER.2016-03-21T12:52:55.468

RTC.HODM\_DEAD\_ACT\_MAP\_2016-03-21T12:52:56.fits SPHER.2016-03-21T12:52:56.090

RTC.HODM\_SLAVE\_ACT\_MAP\_2016-03-21T12:52:57.fits SPHER.2016-03-21T12:52:57.014

RTC.HODM\_SLUG\_ACT\_MAP\_2016-03-21T12:52:58.fits SPHER.2016-03-21T12:52:57.740  
RTC.HODM\_SLUG\_ACT\_GAINS\_2016-03-21T12:52:58.fits SPHER.2016-03-21T12:52:58.362  
VisHOCtr.SLAVING\_MATRIX\_2016-03-21T12:52:59.fits SPHER.2016-03-21T12:52:59.105

**Template** SPHERE\_gen\_tec\_checkao  
**Mode** IRDIS\_CI

**INS.COMB.ICOR**

Original Filename	Archive Filename	TPL.EXPNO/TPL.NEXP	INS.COMB.IFLT	DET.SEQ1.DIT/DET.NDIT	DPR.TYPE
SPHERE_GEN_BGND081_0001.fits	SPHER.2016-03-21T12:54:09.710	1/3	DB_NDH23	0.6/3	PSF-CALIBRATOR,BACKGROUND

**Template** SPHERE\_gen\_tec\_checkao  
**Mode** IRDIS\_CI

**INS.COMB.ICOR** N\_NS\_CLEAR

Original Filename	Archive Filename	TPL.EXPNO/TPL.NEXP	INS.COMB.IFLT	DET.SEQ1.DIT/DET.NDIT	DPR.TYPE
SPHERE_GEN_OBJ081_0001.fits	SPHER.2016-03-21T12:54:38.753	2/3	DB_NDH23	0.6/3	PSF-CALIBRATOR,LAMP
SPHERE_GEN_OBJ081_0002.fits	SPHER.2016-03-21T12:55:30.184	3/3	DB_NDH23	0.6/3	PSF-CALIBRATOR,LAMP

**Template** SPHERE\_gen\_tec\_code\_health\_check  
**Mode** SAXOCAL

Original Filename	Archive Filename
SPHERE_GEN_CODE_DEADMAP_2016-03-21T12:59:40.fits	SPHER.2016-03-21T12:59:38.541

**Template** SPHERE\_gen\_tec\_irdis\_pupilalign  
**Mode** IRDIS\_CI

**INS.COMB.ICOR** N\_NC\_ALIGN

Original Filename	Archive Filename	TPL.EXPNO/TPL.NEXP	INS.COMB.IFLT	DET.SEQ1.DIT/DET.NDIT	DPR.TYPE
SPHERE_IRDIS_CAL_BCKG081_0001.fits	SPHER.2016-03-21T13:00:07.323	1/2	PUPIM	1.0/1	DARK,BACKGROUND
SPHERE_IRDIS_TEC081_0001.fits	SPHER.2016-03-21T13:00:42.295	2/2	PUPIM	1.0/1	FLAT,LAMP

**Template** SPHERE\_gen\_tec\_irdis\_pupilalign  
**Mode** PUPIL\_ALIGN

Original Filename	Archive Filename
SPHERE_IRDIS_TEC081_0002.fits	SPHER.2016-03-21T13:00:54.761
SPHERE_IRDIS_TEC081_0003.fits	SPHER.2016-03-21T13:01:16.745
SPHERE_IRDIS_TEC081_0005.fits	SPHER.2016-03-21T13:02:48.758
SPHERE_IRDIS_TEC081_0006.fits	SPHER.2016-03-21T13:03:12.753
SPHERE_IRDIS_TEC081_0007.fits	SPHER.2016-03-21T13:03:34.779
SPHERE_IRDIS_TEC081_0009.fits	SPHER.2016-03-21T13:05:12.814
SPHERE_IRDIS_TEC081_0010.fits	SPHER.2016-03-21T13:05:34.798

**Template** SPHERE\_gen\_tec\_irdis\_pupilalign  
**Mode** IRDIFS

**INS.COMB.ICOR** N\_NC\_ALIGN

Original Filename	Archive Filename	TPL.EXPNO/TPL.NEXP	INS.COMB.IFLT	DET.SEQ1.DIT/DET.NDIT	DPR.TYPE
SPHERE_IRDIS_CAL_BCKG081_0002.fits	SPHER.2016-03-21T13:02:00.353	1/2	PUPIM	1.0/1	DARK,BACKGROUND
SPHERE_IRDIS_TEC081_0004.fits	SPHER.2016-03-21T13:02:36.319	2/2	PUPIM	1.0/1	FLAT,LAMP

**Template** SPHERE\_gen\_tec\_irdis\_pupilalign  
**Mode** IRDIFS\_EXT

**INS.COMB.ICOR** N\_NC\_ALIGN

Original Filename	Archive Filename	TPL.EXPNO/TPL.NEXP	INS.COMB.IFLT	DET.SEQ1.DIT/DET.NDIT	DPR.TYPE
SPHERE_IRDIS_CAL_BCKG081_0003.fits	SPHER.2016-03-21T13:04:18.404	1/2	PUPIM	4.0/1	DARK,BACKGROUND
SPHERE_IRDIS_TEC081_0008.fits	SPHER.2016-03-21T13:04:57.406	2/2	PUPIM	4.0/1	FLAT,LAMP

**Template** SPHERE\_irdifs\_tec\_pupilcheck  
**Mode** IRDIFS

**INS.COMB.ICOR** N\_NS\_OPAQUE

Original Filename	Archive Filename	TPL.EXPNO/TPL.NEXP	INS.COMB.IFLT	DET.SEQ1.DIT/DET.NDIT	DPR.TYPE
SPHERE_IRDIFS_IFS_TEC081_0001.fits	SPHER.2016-03-21T13:06:07.599	1/2	DB_NDH23	1.650726/1	LAMP,PUPIL

**Template** SPHERE\_irdifs\_tec\_pupilcheck  
**Mode** IRDIFS

**INS.COMB.ICOR**

Original Filename	Archive Filename	TPL.EXPNO/TPL.NEXP	INS.COMB.IFLT	DET.SEQ1.DIT/DET.NDIT	DPR.TYPE
SPHERE_IRDIFS_IFS_TEC081_0002.fits	SPHER.2016-03-21T13:06:21.903	2/2	DB_NDH23	1.650726/1	

**Template** SPHERE\_zimpol\_tec\_pupilcheck  
**Mode** ZIMPOL\_CAL

**INS.COMB.VCOR** V\_NC\_WF

Original Filename	Archive Filename	TPL.EXPNO/TPL.NEXP	DET.DIT1/DET.NDIT	DPR.TYPE	INS3.OPTI2.NAME	INS3.OPTI5.NAME	INS3.OPTI6.NA
SPHERE_ZIMPOL_TEC081_0001.fits	SPHER.2016-03-21T13:07:07.870	1/4	0.0/1	BIAS	ND_4.0	N_R	OPEN
SPHERE_ZIMPOL_TEC081_0002.fits	SPHER.2016-03-21T13:07:45.600	2/4	2.0/1	FLAT,LAMP	ND_2.0	N_R	OPEN

SPHERE_ZIMPOL_TEC081_0003.fits	SPHER.2016-03-21T13:08:21.589	3/4	2.0/1	FLAT,LAMP	ND_2.0	N_R	PUPIM
<b>Template</b>	SPHERE_zimpol_tec_pupilcheck						
<b>Mode</b>	ZIMPOL_CAL						
<b>INS.COMB.VCOR</b>							
<b>Original Filename</b>	<b>Archive Filename</b>	<b>TPL.EXPNO/TPL.NEXP</b>	<b>DET.DIT1/DET.NDIT</b>	<b>DPR.TYPE</b>	<b>INS3.OPTI2.NAME</b>	<b>INS3.OPTI5.NAME</b>	<b>INS3.OPTI6.NA</b>
SPHERE_ZIMPOL_TEC081_0004.fits	SPHER.2016-03-21T13:08:41.586	4/4	2.0/1	FLAT,LAMP	ND_2.0	N_R	PUPIM
<b>Template</b>	SPHERE_gen_tec_nir_target_centering						
<b>Mode</b>	IRDIS_CI						
<b>INS.COMB.ICOR</b>							
<b>Original Filename</b>	<b>Archive Filename</b>	<b>TPL.EXPNO/TPL.NEXP</b>	<b>INS.COMB.IFLT</b>	<b>DET.SEQ1.DIT/DET.NDIT</b>	<b>DPR.TYPE</b>		
SPHERE_IRDIS_CAL_DARK081_0006.fits	SPHER.2016-03-21T13:09:29.947	1/9	DB_NDH23	1.0/1	DARK		
SPHERE_IRDIS_ACQ081_0001.fits	SPHER.2016-03-21T13:10:02.741	2/9	DB_NDH23	1.0/1	OBJECT		
SPHERE_IRDIS_CAL_FLAT081_0006.fits	SPHER.2016-03-21T13:10:25.489	3/9	DB_NDH23	1.0/1	FLAT,LAMP		
SPHERE_IRDIS_CAL_DARK081_0007.fits	SPHER.2016-03-21T13:10:39.031	4/9	DB_NDH23	1.0/1	DARK		
SPHERE_IRDIS_ACQ081_0002.fits	SPHER.2016-03-21T13:11:09.738	5/9	DB_NDH23	1.0/1	OBJECT		
SPHERE_IRDIS_ACQ081_0003.fits	SPHER.2016-03-21T13:11:22.091	6/10	DB_NDH23	1.0/1	OBJECT		
SPHERE_IRDIS_ACQ081_0004.fits	SPHER.2016-03-21T13:11:33.401	7/11	DB_NDH23	1.0/1	OBJECT		
SPHERE_IRDIS_ACQ081_0005.fits	SPHER.2016-03-21T13:11:43.807	8/12	DB_NDH23	1.0/1	OBJECT		
SPHERE_IRDIS_ACQ081_0006.fits	SPHER.2016-03-21T13:11:55.170	9/13	DB_NDH23	1.0/1	OBJECT		
<b>Template</b>	SPHERE_gen_tec_nir_target_centering						
<b>Mode</b>	IRDIS_CI						
<b>INS.COMB.ICOR</b>							
<b>Original Filename</b>	<b>Archive Filename</b>	<b>TPL.EXPNO/TPL.NEXP</b>	<b>INS.COMB.IFLT</b>	<b>DET.SEQ1.DIT/DET.NDIT</b>	<b>DPR.TY</b>		
SPHERE_GEN_TEC_NIR_TARGET_CENTERING_2016-03-21T13:12:09.fits	SPHER.2016-03-21T13:12:08.168	9/13			null/null		
<b>Template</b>	SPHERE_gen_tec_vis_target_centering						
<b>Mode</b>	ZIMPOL_CAL						
<b>INS.COMB.VCOR</b>							
<b>Original Filename</b>	<b>Archive Filename</b>	<b>TPL.EXPNO/TPL.NEXP</b>	<b>DET.DIT1/DET.NDIT</b>	<b>DPR.TYPE</b>	<b>INS3.OPTI2.NAME</b>	<b>INS3.OPTI5.NAME</b>	<b>INS3.OPTI6.NA</b>
SPHERE_ZIMPOL_CAL_DARK081_0002.fits	SPHER.2016-03-21T13:12:30.454	1/2	1.3/1	DARK	OPEN	N_R	N_R
SPHERE_ZIMPOL_CAL_FLAT081_0001.fits	SPHER.2016-03-21T13:13:05.706	2/2	1.3/1	FLAT,LAMP	OPEN	N_R	N_R
SPHERE_ZIMPOL_ACQ081_0001.fits	SPHER.2016-03-21T13:13:54.401	3/4	1.3/1	OBJECT	ND_2.0	N_R	N_R
<b>Template</b>	SPHERE_gen_tec_vis_target_centering						
<b>Mode</b>	ZIMPOL_CAL						
<b>INS.COMB.VCOR</b>							
<b>Original Filename</b>	<b>Archive Filename</b>	<b>TPL.EXPNO/TPL.NEXP</b>	<b>DET.DIT1/DET.NDIT</b>	<b>DPR.TYPE</b>	<b>INS3.OPTI2.NAME</b>	<b>INS3.OPTI5.NAME</b>	<b>INS3.OPTI6.NA</b>
SPHERE_ZIMPOL_CAL_FLAT081_0002.fits	SPHER.2016-03-21T13:14:17.748	4/4	1.3/1	FLAT,LAMP	OPEN	N_R	N_R
SPHERE_ZIMPOL_ACQ081_0002.fits	SPHER.2016-03-21T13:15:12.904	5/4	1.3/1	OBJECT	OPEN	N_R	N_R
SPHERE_ZIMPOL_ACQ081_0003.fits	SPHER.2016-03-21T13:15:26.502	6/5	1.3/1	OBJECT	OPEN	N_R	N_R
SPHERE_ZIMPOL_ACQ081_0004.fits	SPHER.2016-03-21T13:15:41.338	7/6	1.3/1	OBJECT	OPEN	N_R	N_R
SPHERE_ZIMPOL_ACQ081_0005.fits	SPHER.2016-03-21T13:15:55.808	8/7	1.3/1	OBJECT	OPEN	N_R	N_R
SPHERE_ZIMPOL_ACQ081_0006.fits	SPHER.2016-03-21T13:16:16.471	9/7	1.3/1	OBJECT	OPEN	N_R	N_R
SPHERE_ZIMPOL_ACQ081_0007.fits	SPHER.2016-03-21T13:16:31.062	10/8	1.3/1	OBJECT	OPEN	N_R	N_R
SPHERE_ZIMPOL_ACQ081_0008.fits	SPHER.2016-03-21T13:16:52.112	11/8	1.3/1	OBJECT	OPEN	N_R	N_R
SPHERE_ZIMPOL_ACQ081_0009.fits	SPHER.2016-03-21T13:17:07.192	12/9	1.3/1	OBJECT	OPEN	N_R	N_R
SPHERE_ZIMPOL_ACQ081_0010.fits	SPHER.2016-03-21T13:17:27.365	13/9	1.3/1	OBJECT	OPEN	N_R	N_R
SPHERE_ZIMPOL_ACQ081_0011.fits	SPHER.2016-03-21T13:17:41.154	14/10	1.3/1	OBJECT	OPEN	N_R	N_R
SPHERE_ZIMPOL_ACQ081_0012.fits	SPHER.2016-03-21T13:18:02.225	15/10	1.3/1	OBJECT	OPEN	N_R	N_R
SPHERE_ZIMPOL_ACQ081_0013.fits	SPHER.2016-03-21T13:18:17.395	16/11	1.3/1	OBJECT	OPEN	N_R	N_R
SPHERE_ZIMPOL_ACQ081_0014.fits	SPHER.2016-03-21T13:18:37.272	17/11	1.3/1	OBJECT	OPEN	N_R	N_R
SPHERE_ZIMPOL_ACQ081_0015.fits	SPHER.2016-03-21T13:18:50.834	18/12	1.3/1	OBJECT	OPEN	N_R	N_R
SPHERE_ZIMPOL_ACQ081_0016.fits	SPHER.2016-03-21T13:19:05.336	19/13	1.3/1	OBJECT	OPEN	N_R	N_R
SPHERE_ZIMPOL_ACQ081_0017.fits	SPHER.2016-03-21T13:19:26.570	20/13	1.3/1	OBJECT	OPEN	N_R	N_R
SPHERE_ZIMPOL_ACQ081_0018.fits	SPHER.2016-03-21T13:19:39.922	21/14	1.3/1	OBJECT	OPEN	N_R	N_R
SPHERE_ZIMPOL_ACQ081_0019.fits	SPHER.2016-03-21T13:19:57.225	22/15	1.3/1	OBJECT	OPEN	N_R	N_R
SPHERE_ZIMPOL_ACQ081_0020.fits	SPHER.2016-03-21T13:20:11.684	23/16	1.3/1	OBJECT	OPEN	N_R	N_R
SPHERE_ZIMPOL_ACQ081_0021.fits	SPHER.2016-03-21T13:20:26.157	24/17	1.3/1	OBJECT	OPEN	N_R	N_R
SPHERE_ZIMPOL_ACQ081_0022.fits	SPHER.2016-03-21T13:20:41.038	25/18	1.3/1	OBJECT	OPEN	N_R	N_R
SPHERE_ZIMPOL_ACQ081_0023.fits	SPHER.2016-03-21T13:20:46.020	26/19	1.3/1	OBJECT	OPEN	N_R	N_R
<b>Template</b>	SPHERE_gen_tec_vis_target_centering						
<b>Mode</b>	ZIMPOL_CAL						
<b>INS.COMB.VCOR</b>							
<b>Original Filename</b>	<b>Archive Filename</b>	<b>TPL.EXPNO/TPL.NEXP</b>	<b>DET.DIT1/DET.NDIT</b>	<b>DPR.TYPE</b>	<b>INS3.OPTI2.NAME</b>		
SPHERE_GEN_TEC_VIS_TARGET_CENTERING_2016-03-21T13:20:59.fits	SPHER.2016-03-21T13:20:59.178	26/19			null/null		OPEN

## Nighttime Observations

OB 200351597 | 02:44:32 > 03:02:24 | 00:17:52 | Mode: Technical | Loss: No Loss | Status A

Grade \_

**Instrument** VISIR  
**Name** STD\_ima\_HD099167\_16.6Jy  
**Target** HD099167  
**PI** Siebenmorgen  
**Run** 60.A-9234(A)  
**Container** -  
**Public Comments** Investigation of the issue with the chopping windows used for guiding. This execution is with guiding in window A only  
21 Mar 04:48 - Paranal Observatory

### Files produced and additional information

**OBS.ID** 200351597  
**OBS.START** 2016-03-21T02:44:32  
**Template** VISIR\_img\_cal\_AutoChopNod  
**Data Product** CALIB/STD/IMAGE,CHOPNOD  
**Airmass** 1.089  
**Seeing** 1.0  
**Chopping** T/4.0/0.0/13.0/PERPENDICU  
**Exposure** 0.025 x 4 x 2 x 300 = 75.0  
**Setup** IMG / 0.0453 / PAH1

Original Filename	Archive Filename
VISIR_IMG_CAL081_0001.fits	VISIR.2016-03-21T02:51:10.400
VISIR_IMG_CAL081_0002.fits	VISIR.2016-03-21T02:52:37.298

OB 200351597 | 03:02:32 > 03:21:47 | 00:19:15 | Mode: Service | Loss: No Loss | Status X > M

Grade X

**Instrument** VISIR  
**Name** STD\_ima\_HD099167\_16.6Jy  
**Target** HD099167  
**PI** Siebenmorgen  
**Run** 60.A-9234(A)  
**Container** -  
**Public Comments** Photometric in all N-band filters. IQ is between 0.3 and 0.4  
21 Mar 04:47 - Paranal Observatory

### Files produced and additional information

**OBS.ID** 200351597  
**OBS.START** 2016-03-21T03:02:32  
**Template** VISIR\_img\_cal\_AutoChopNod  
**Data Product** CALIB/STD/IMAGE,CHOPNOD  
**Airmass** 1.072  
**Seeing** 0.85  
**Chopping** T/4.0/0.0/13.0/PERPENDICU  
**Exposure** 0.025 x 4 x 2 x 300 = 75.0  
**Setup** IMG / 0.0453 / PAH1

Original Filename	Archive Filename
VISIR_IMG_CAL081_0003.fits	VISIR.2016-03-21T03:02:48.954
VISIR_IMG_CAL081_0004.fits	VISIR.2016-03-21T03:04:16.262

**Template** VISIR\_img\_cal\_AutoChopNod  
**Data Product** CALIB/STD/IMAGE,CHOPNOD  
**Airmass** 1.072  
**Seeing** 0.85  
**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_CAL081_0005.fits	VISIR.2016-03-21T03:07:26.076
VISIR_IMG_CAL081_0006.fits	VISIR.2016-03-21T03:09:02.239

**Template** VISIR\_img\_cal\_AutoChopNod  
**Data Product** CALIB/STD/IMAGE,CHOPNOD  
**Airmass** 1.072  
**Seeing** 0.85  
**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\_CAL081\_0007.fits VISIR.2016-03-21T03:11:22.716

VISIR\_IMG\_CAL081\_0008.fits VISIR.2016-03-21T03:13:04.245

Template VISIR\_img\_cal\_AutoChopNod

Data Product CALIB/STD/IMAGE,CHOPNOD

Airmass 1.072

Seeing 0.85

Chopping T/2.997601/0.0/13.0/PERPENDICU

Exposure 0.0278 x 5 x 2 x 216 = 72.0576

Setup IMG / 0.0453 / NEII

Original Filename Archive Filename

VISIR\_IMG\_CAL081\_0009.fits VISIR.2016-03-21T03:15:28.683

VISIR\_IMG\_CAL081\_0010.fits VISIR.2016-03-21T03:16:51.266

Template VISIR\_img\_cal\_AutoChopNod

Data Product CALIB/STD/IMAGE,CHOPNOD

Airmass 1.072

Seeing 0.85

Chopping T/2.997601/0.0/13.0/PERPENDICU

Exposure 0.0278 x 5 x 2 x 216 = 72.0576

Setup IMG / 0.0453 / NEII\_2

Original Filename Archive Filename

VISIR\_IMG\_CAL081\_0011.fits VISIR.2016-03-21T03:18:52.308

VISIR\_IMG\_CAL081\_0012.fits VISIR.2016-03-21T03:20:15.248

OB 200351597 | 03:23:23 > 03:27:41 | 00:04:18 | Mode: Technical | Loss: No Loss | Status A

Grade \_

Instrument VISIR

Name STD\_ima\_HD099167\_16.6Jy

Target HD099167

PI Siebenmorgen

Run 60.A-9234(A)

Container -

Public Comments Testing of using one or two chopping windows for the guiding. Here BOTH  
21 Mar 04:45 - Paranal Observatory

#### Files produced and additional information

OBS.ID 200351597

OBS.START 2016-03-21T03:23:23

Template VISIR\_img\_cal\_AutoChopNod

Data Product CALIB/STD/IMAGE,CHOPNOD

Airmass 1.049

Seeing 0.8

Chopping T/4.0/0.0/13.0/PERPENDICU

Exposure 0.025 x 4 x 2 x 300 = 75.0

Setup IMG / 0.0453 / PAH1

Original Filename Archive Filename

VISIR\_IMG\_CAL081\_0013.fits VISIR.2016-03-21T03:24:34.357

VISIR\_IMG\_CAL081\_0014.fits VISIR.2016-03-21T03:26:00.241

OB 200351597 | 03:27:47 > 03:31:12 | 00:03:25 | Mode: Technical | Loss: No Loss | Status A

Grade \_

Instrument VISIR

Name STD\_ima\_HD099167\_16.6Jy

Target HD099167

PI Siebenmorgen

Run 60.A-9234(A)

Container -

Public Comments Testing of using one or two chopping windows for the guiding. Here A  
21 Mar 04:46 - Paranal Observatory

#### Files produced and additional information

OBS.ID 200351597

OBS.START 2016-03-21T03:27:47

Template VISIR\_img\_cal\_AutoChopNod

Data Product CALIB/STD/IMAGE,CHOPNOD

**Airmass** 1.046  
**Seeing** 0.84  
**Chopping** T/4.0/0.0/13.0/PERPENDICU  
**Exposure** 0.025 x 4 x 2 x 300 = 75.0  
**Setup** IMG / 0.0453 / PAH1

Original Filename	Archive Filename
VISIR_IMG_CAL081_0015.fits	VISIR.2016-03-21T03:28:04.901
VISIR_IMG_CAL081_0016.fits	VISIR.2016-03-21T03:29:30.285

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**OB 200351597** | 03:31:16 > 03:34:31 | 00:03:15 | Mode: Technical | Loss: No Loss | Status A Grade \_

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**Instrument** VISIR  
**Name** STD\_ima\_HD099167\_16.6Jy  
**Target** HD099167  
**PI** Siebenmorgen  
**Run** 60.A-9234(A)  
**Container** -  
**Public Comments** Testing of using one or two chopping windows for the guiding. Here  
B  
*21 Mar 04:46 - Paranal Observatory*

#### Files produced and additional information

**OBS.ID** 200351597  
**OBS.START** 2016-03-21T03:31:16

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**Template** VISIR\_img\_cal\_AutoChopNod  
**Data Product** CALIB/STD/IMAGE,CHOPNOD  
**Airmass** 1.043  
**Seeing** 0.79  
**Chopping** T/4.0/0.0/13.0/PERPENDICU  
**Exposure** 0.025 x 4 x 2 x 300 = 75.0  
**Setup** IMG / 0.0453 / PAH1

Original Filename	Archive Filename
VISIR_IMG_CAL081_0017.fits	VISIR.2016-03-21T03:31:32.746
VISIR_IMG_CAL081_0018.fits	VISIR.2016-03-21T03:32:58.296

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**OB 200351597** | 03:34:33 > 03:38:34 | 00:04:01 | Mode: Technical | Loss: No Loss | Status A Grade \_

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**Instrument** VISIR  
**Name** STD\_ima\_HD099167\_16.6Jy  
**Target** HD099167  
**PI** Siebenmorgen  
**Run** 60.A-9234(A)  
**Container** -  
**Public Comments** Testing of using one or two chopping windows for the guiding. Here  
BOTH  
*21 Mar 04:46 - Paranal Observatory*

#### Files produced and additional information

**OBS.ID** 200351597  
**OBS.START** 2016-03-21T03:34:33

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**Template** VISIR\_img\_cal\_AutoChopNod  
**Data Product** CALIB/STD/IMAGE,CHOPNOD  
**Airmass** 1.041  
**Seeing** 0.85  
**Chopping** T/4.0/0.0/13.0/PERPENDICU  
**Exposure** 0.025 x 4 x 2 x 300 = 75.0  
**Setup** IMG / 0.0453 / PAH1

Original Filename	Archive Filename
VISIR_IMG_CAL081_0019.fits	VISIR.2016-03-21T03:34:50.779
VISIR_IMG_CAL081_0020.fits	VISIR.2016-03-21T03:36:19.247

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**OB 1252561** | 03:38:46 > 04:16:28 | 00:37:42 | Mode: Service | Loss: No Loss | Status X > C Grade A

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**Instrument** VISIR  
**Name** SCI\_VWCHA\_HCN\_R16\_3  
**Target** VW Cha  
**PI** Davide Fedele  
**Run** 096.C-0118(A)

**Container** Concatenation 1252560  
**Public Comments** photometric in the mid-infrared from STD executed before. All constraints fulfilled.  
21 Mar 04:47 - Paranal Observatory

#### Files produced and additional information

**OBS.ID** 1252561  
**OBS.START** 2016-03-21T03:38:46  
**Template** VISIR\_spec\_acq\_ImgMoveToSlit  
**Data Product** ACQUISITION/OBJECT/IMAGE,CHOPNOD  
**Airmass** 1.666  
**Seeing** 0.98  
**Chopping** T/2.997601/0.0/8.0/PARALLEL  
**Exposure** 0.0278 x 5 x 2 x 216 = 72.0576  
**Setup** IMG / 0.0453 / NEII\_2

Original Filename	Archive Filename
VISIR_IMG_ACQ081_0001.fits	VISIR.2016-03-21T03:43:01.060
VISIR_IMG_ACQ081_0002.fits	VISIR.2016-03-21T03:44:25.275

**Template** VISIR\_spec\_acq\_ImgMoveToSlit  
**Data Product** ACQUISITION/OBJECT/IMAGE,CHOPNOD  
**Airmass** 1.666  
**Seeing** 0.98  
**Chopping** T/4.807692/0.0/8.0/null  
**Exposure** 0.026 x 3 x 2 x 24 = 4.992  
**Setup** SPCIMG / 0.0762 / NEII\_2 / IMAGING / ST\_0.16

Original Filename	Archive Filename
VISIR_SPCIMG_SLITTEST081_0001.fits	VISIR.2016-03-21T03:47:18.101

**Template** VISIR\_spec\_obs\_HRXAutoChopNod  
**Data Product** SCIENCE/OBJECT/EHELLE,CHOPNOD  
**Airmass** 1.666  
**Seeing** 0.98  
**Chopping** T/0.025/0.0/8.0/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_OBS081_0001.fits	VISIR.2016-03-21T03:49:38.828
VISIR_SPC_OBS081_0002.fits	VISIR.2016-03-21T03:51:25.271
VISIR_SPC_OBS081_0003.fits	VISIR.2016-03-21T03:52:58.270
VISIR_SPC_OBS081_0004.fits	VISIR.2016-03-21T03:54:45.255
VISIR_SPC_OBS081_0005.fits	VISIR.2016-03-21T03:56:17.265
VISIR_SPC_OBS081_0006.fits	VISIR.2016-03-21T03:58:04.257
VISIR_SPC_OBS081_0007.fits	VISIR.2016-03-21T03:59:38.244
VISIR_SPC_OBS081_0008.fits	VISIR.2016-03-21T04:01:25.255
VISIR_SPC_OBS081_0009.fits	VISIR.2016-03-21T04:02:57.231
VISIR_SPC_OBS081_0010.fits	VISIR.2016-03-21T04:04:44.228
VISIR_SPC_OBS081_0011.fits	VISIR.2016-03-21T04:06:18.271
VISIR_SPC_OBS081_0012.fits	VISIR.2016-03-21T04:08:05.230
VISIR_SPC_OBS081_0013.fits	VISIR.2016-03-21T04:09:37.266
VISIR_SPC_OBS081_0014.fits	VISIR.2016-03-21T04:11:24.261
VISIR_SPC_OBS081_0015.fits	VISIR.2016-03-21T04:12:57.272
VISIR_SPC_OBS081_0016.fits	VISIR.2016-03-21T04:14:45.227

**OB 1252564 | 04:16:36 > 04:38:28 | 00:21:52 | Mode: Service | Loss: No Loss | Status X > C**

Grade A

**Instrument** VISIR  
**Name** CAL\_VWCHA\_HCN\_R16\_3  
**Target** HD 100546  
**PI** Davide Fedele  
**Run** 096.C-0118(A)  
**Container** Concatenation 1252560

#### Public Comments

#### Files produced and additional information

**OBS.ID** 1252564  
**OBS.START** 2016-03-21T04:16:36  
**Template** VISIR\_spec\_acq\_ImgMoveToSlit  
**Data Product** ACQUISITION/OBJECT/IMAGE,CHOPNOD

**Airmass** 1.429  
**Seeing** 0.94  
**Chopping** T/2.997601/0.0/8.0/PARALLEL  
**Exposure** 0.0278 x 5 x 2 x 54 = 18.0144  
**Setup** IMG / 0.0453 / NEII\_2

Original Filename	Archive Filename
VISIR_IMG_ACQ081_0003.fits	VISIR.2016-03-21T04:19:21.010
VISIR_IMG_ACQ081_0004.fits	VISIR.2016-03-21T04:19:50.285

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**Template** VISIR\_spec\_acq\_ImgMoveToSlit  
**Data Product** ACQUISITION/OBJECT/IMAGE,CHOPNOD  
**Airmass** 1.429  
**Seeing** 0.94  
**Chopping** T/4.807692/0.0/8.0/null  
**Exposure** 0.026 x 3 x 2 x 24 = 4.992  
**Setup** SPCIMG / 0.0762 / NEII\_2 / IMAGING / ST\_0.16

Original Filename	Archive Filename
VISIR_SPCIMG_SLITTEST081_0002.fits	VISIR.2016-03-21T04:21:42.202

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**Template** VISIR\_spec\_acq\_ImgMoveToSlit  
**Data Product** ACQUISITION/OBJECT/IMAGE,CHOPNOD  
**Airmass** 1.429  
**Seeing** 0.94  
**Chopping** T/4.807692/0.0/8.0/PARALLEL  
**Exposure** 0.026 x 3 x 2 x 64 = 13.312  
**Setup** SPCIMG / 0.0762 / NEII\_2 / IMAGING / ST\_0.16

Original Filename	Archive Filename
VISIR_SPCIMG_SLIT081_0001.fits	VISIR.2016-03-21T04:22:26.695
VISIR_SPCIMG_SLIT081_0002.fits	VISIR.2016-03-21T04:22:50.271

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**Template** VISIR\_spec\_cal\_HRXAutoChopNod  
**Data Product** CALIB/STD/EHELLE,CHOPNOD  
**Airmass** 1.429  
**Seeing** 0.94  
**Chopping** T/0.025/0.0/8.0/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_CAL081_0001.fits	VISIR.2016-03-21T04:25:02.199
VISIR_SPC_CAL081_0002.fits	VISIR.2016-03-21T04:26:51.219
VISIR_SPC_CAL081_0003.fits	VISIR.2016-03-21T04:28:22.238
VISIR_SPC_CAL081_0004.fits	VISIR.2016-03-21T04:30:08.225
VISIR_SPC_CAL081_0005.fits	VISIR.2016-03-21T04:31:41.224
VISIR_SPC_CAL081_0006.fits	VISIR.2016-03-21T04:33:28.231
VISIR_SPC_CAL081_0007.fits	VISIR.2016-03-21T04:35:02.244
VISIR_SPC_CAL081_0008.fits	VISIR.2016-03-21T04:36:48.234

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**OB 1357953 | 04:38:41 > 05:02:46 | 00:24:05 | Mode: Commissioning | Loss: No Loss | Status X > M**

Grade X

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**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. Only the last template was executed as the second part to the OB yesterday.  
sky background variable probably due to passing thin clouds.  
*21 Mar 05:04 - Paranal Observatory*

#### Files produced and additional information

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**OBS.ID** 1357953  
**OBS.START** 2016-03-21T04:38:41  
**Template** VISIR\_img\_obs\_BurstAutoChopNod  
**Data Product** SCIENCE/OBJECT/IMAGE,BURST,CHOPNOD,JITTER  
**Airmass** 1.289  
**Seeing** 0.99  
**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_BURST081_0001.fits	VISIR.2016-03-21T04:42:41.117
VISIR_IMG_OBS_BURST081_0002.fits	VISIR.2016-03-21T04:44:08.222
VISIR_IMG_OBS_BURST081_0003.fits	VISIR.2016-03-21T04:45:36.247
VISIR_IMG_OBS_BURST081_0004.fits	VISIR.2016-03-21T04:47:01.245
VISIR_IMG_OBS_BURST081_0005.fits	VISIR.2016-03-21T04:48:24.252
VISIR_IMG_OBS_BURST081_0006.fits	VISIR.2016-03-21T04:49:49.241
VISIR_IMG_OBS_BURST081_0007.fits	VISIR.2016-03-21T04:51:13.243
VISIR_IMG_OBS_BURST081_0008.fits	VISIR.2016-03-21T04:52:38.249
VISIR_IMG_OBS_BURST081_0009.fits	VISIR.2016-03-21T04:54:03.261
VISIR_IMG_OBS_BURST081_0010.fits	VISIR.2016-03-21T04:55:29.242
VISIR_IMG_OBS_BURST081_0011.fits	VISIR.2016-03-21T04:56:51.249
VISIR_IMG_OBS_BURST081_0012.fits	VISIR.2016-03-21T04:58:16.254
VISIR_IMG_OBS_BURST081_0013.fits	VISIR.2016-03-21T04:59:39.245
VISIR_IMG_OBS_BURST081_0014.fits	VISIR.2016-03-21T05:01:03.254

OB 1357959 | 05:02:52 > 05:24:19 | 00:21:27 | Mode: Commissioning | Loss: No Loss | Status X > M

Grade X

<b>Instrument</b>	VISIR
<b>Name</b>	CAL_NGC5506_PAH2_2_after_HD126927
<b>Target</b>	HD126927
<b>PI</b>	Daniel Asmus
<b>Run</b>	60.A-9629(A)
<b>Container</b>	Concatenation 1357952
<b>Public Comments</b>	filter changed to J8.9. Sky background changing in the beginning but stable later. Measured sensitivity photometric still 21 Mar 07:12 - Paranal Observatory

#### Files produced and additional information

<b>OBS.ID</b>	1357959
<b>OBS.START</b>	2016-03-21T05:02:52
<b>Template</b>	VISIR_img_cal_BurstAutoChopNod
<b>Data Product</b>	CALIB/STD/IMAGE,BURST,CHOPNOD,JITTER
<b>Airmass</b>	1.231
<b>Seeing</b>	0.82
<b>Chopping</b>	T/4.0/0.0/8.0/PERPENDICU
<b>Exposure</b>	0.0125 x 7 x 2 x 286 = 71.5
<b>Setup</b>	IMG / 0.0453 / J8.9

Original Filename	Archive Filename
VISIR_IMG_CAL_BURST081_0001.fits	VISIR.2016-03-21T05:04:36.944
VISIR_IMG_CAL_BURST081_0002.fits	VISIR.2016-03-21T05:06:00.245
VISIR_IMG_CAL_BURST081_0003.fits	VISIR.2016-03-21T05:07:23.259
VISIR_IMG_CAL_BURST081_0004.fits	VISIR.2016-03-21T05:08:48.250
VISIR_IMG_CAL_BURST081_0005.fits	VISIR.2016-03-21T05:10:11.232
VISIR_IMG_CAL_BURST081_0006.fits	VISIR.2016-03-21T05:11:33.233
VISIR_IMG_CAL_BURST081_0007.fits	VISIR.2016-03-21T05:12:57.261
VISIR_IMG_CAL_BURST081_0008.fits	VISIR.2016-03-21T05:14:22.217
VISIR_IMG_CAL_BURST081_0009.fits	VISIR.2016-03-21T05:15:44.221
VISIR_IMG_CAL_BURST081_0010.fits	VISIR.2016-03-21T05:17:06.223
VISIR_IMG_CAL_BURST081_0011.fits	VISIR.2016-03-21T05:18:29.237
VISIR_IMG_CAL_BURST081_0012.fits	VISIR.2016-03-21T05:19:54.224
VISIR_IMG_CAL_BURST081_0013.fits	VISIR.2016-03-21T05:21:19.239
VISIR_IMG_CAL_BURST081_0014.fits	VISIR.2016-03-21T05:22:44.222

OB 1357956 | 05:24:28 > 05:47:24 | 00:22:56 | Mode: Commissioning | Loss: No Loss | Status X > C

Grade A

<b>Instrument</b>	VISIR
<b>Name</b>	CAL_NGC5506_PAH2_2_before_HD121523
<b>Target</b>	HD121523
<b>PI</b>	Daniel Asmus
<b>Run</b>	60.A-9629(A)
<b>Container</b>	Concatenation 1357952
<b>Public Comments</b>	background relatively stable 21 Mar 05:51 - Paranal Observatory

#### Files produced and additional information

<b>OBS.ID</b>	1357956
<b>OBS.START</b>	2016-03-21T05:24:28

**Template** VISIR\_img\_cal\_BurstAutoChopNod  
**Data Product** CALIB/STD/IMAGE,BURST,CHOPNOD,JITTER  
**Airmass** 1.129  
**Seeing** 0.86  
**Chopping** T/4.00641/0.0/8.0/PERPENDICU  
**Exposure** 0.0208 x 4 x 2 x 301 = 75.1296  
**Setup** IMG / 0.0453 / PAH2\_2

Original Filename	Archive Filename
VISIR_IMG_CAL_BURST081_0015.fits	VISIR.2016-03-21T05:26:34.499
VISIR_IMG_CAL_BURST081_0016.fits	VISIR.2016-03-21T05:28:00.219
VISIR_IMG_CAL_BURST081_0017.fits	VISIR.2016-03-21T05:29:29.234
VISIR_IMG_CAL_BURST081_0018.fits	VISIR.2016-03-21T05:30:57.226
VISIR_IMG_CAL_BURST081_0019.fits	VISIR.2016-03-21T05:32:22.235
VISIR_IMG_CAL_BURST081_0020.fits	VISIR.2016-03-21T05:33:48.216
VISIR_IMG_CAL_BURST081_0021.fits	VISIR.2016-03-21T05:35:15.231
VISIR_IMG_CAL_BURST081_0022.fits	VISIR.2016-03-21T05:36:43.235
VISIR_IMG_CAL_BURST081_0023.fits	VISIR.2016-03-21T05:38:14.227
VISIR_IMG_CAL_BURST081_0024.fits	VISIR.2016-03-21T05:39:40.222
VISIR_IMG_CAL_BURST081_0025.fits	VISIR.2016-03-21T05:41:07.223
VISIR_IMG_CAL_BURST081_0026.fits	VISIR.2016-03-21T05:42:38.221
VISIR_IMG_CAL_BURST081_0027.fits	VISIR.2016-03-21T05:44:05.246
VISIR_IMG_CAL_BURST081_0028.fits	VISIR.2016-03-21T05:45:35.228

**OB 1357953** | **05:47:41** > **06:32:10** | 00:44:29 | Mode: Commissioning | Loss: No Loss | Status X > C

Grade A

**Instrument** VISIR  
**Name** SCI\_NGC5506\_PAH2\_2  
**Target** NGC5506  
**PI** Daniel Asmus  
**Run** 60.A-9629(A)  
**Container** Concatenation 1357952  
**Public Comments** some background variation in between but seeing still stable around 0.7arcsec in optical  
*21 Mar 07:01 - Paranal Observatory*  
OB re-classification for VISIR SV  
*21 Mar 12:03*

#### Files produced and additional information

**OBS.ID** 1357953  
**OBS.START** 2016-03-21T05:47:41

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**Template** VISIR\_img\_obs\_BurstAutoChopNod  
**Data Product** SCIENCE/OBJECT/IMAGE,BURST,CHOPNOD,JITTER  
**Airmass** 1.122  
**Seeing** 0.86  
**Chopping** T/4.00641/0.0/8.0/PERPENDICU  
**Exposure** 0.0208 x 4 x 2 x 301 = 75.1296  
**Setup** IMG / 0.0453 / PAH2\_2

Original Filename	Archive Filename
VISIR_IMG_OBS_BURST081_0015.fits	VISIR.2016-03-21T05:50:14.732
VISIR_IMG_OBS_BURST081_0016.fits	VISIR.2016-03-21T05:51:45.218
VISIR_IMG_OBS_BURST081_0017.fits	VISIR.2016-03-21T05:53:19.228
VISIR_IMG_OBS_BURST081_0018.fits	VISIR.2016-03-21T05:54:45.231
VISIR_IMG_OBS_BURST081_0019.fits	VISIR.2016-03-21T05:56:13.241
VISIR_IMG_OBS_BURST081_0020.fits	VISIR.2016-03-21T05:57:41.223
VISIR_IMG_OBS_BURST081_0021.fits	VISIR.2016-03-21T05:59:13.231
VISIR_IMG_OBS_BURST081_0022.fits	VISIR.2016-03-21T06:00:40.245
VISIR_IMG_OBS_BURST081_0023.fits	VISIR.2016-03-21T06:02:07.234
VISIR_IMG_OBS_BURST081_0024.fits	VISIR.2016-03-21T06:03:38.244
VISIR_IMG_OBS_BURST081_0025.fits	VISIR.2016-03-21T06:05:06.223
VISIR_IMG_OBS_BURST081_0026.fits	VISIR.2016-03-21T06:06:32.234
VISIR_IMG_OBS_BURST081_0027.fits	VISIR.2016-03-21T06:08:01.239
VISIR_IMG_OBS_BURST081_0028.fits	VISIR.2016-03-21T06:09:30.231
VISIR_IMG_OBS_BURST081_0029.fits	VISIR.2016-03-21T06:11:26.512
VISIR_IMG_OBS_BURST081_0030.fits	VISIR.2016-03-21T06:12:56.222
VISIR_IMG_OBS_BURST081_0031.fits	VISIR.2016-03-21T06:14:23.224
VISIR_IMG_OBS_BURST081_0032.fits	VISIR.2016-03-21T06:15:50.230
VISIR_IMG_OBS_BURST081_0033.fits	VISIR.2016-03-21T06:17:15.233

VISIR\_IMG\_OBS\_BURST081\_0034.fits VISIR.2016-03-21T06:18:42.231  
VISIR\_IMG\_OBS\_BURST081\_0035.fits VISIR.2016-03-21T06:20:09.229  
VISIR\_IMG\_OBS\_BURST081\_0036.fits VISIR.2016-03-21T06:21:36.221  
VISIR\_IMG\_OBS\_BURST081\_0037.fits VISIR.2016-03-21T06:23:05.260  
VISIR\_IMG\_OBS\_BURST081\_0038.fits VISIR.2016-03-21T06:24:32.266  
VISIR\_IMG\_OBS\_BURST081\_0039.fits VISIR.2016-03-21T06:25:57.255  
VISIR\_IMG\_OBS\_BURST081\_0040.fits VISIR.2016-03-21T06:27:30.258  
VISIR\_IMG\_OBS\_BURST081\_0041.fits VISIR.2016-03-21T06:28:59.271  
VISIR\_IMG\_OBS\_BURST081\_0042.fits VISIR.2016-03-21T06:30:29.269

**OB 1357959** | **06:32:18** > **06:54:36** | 00:22:18 | Mode: Commissioning | Loss: No Loss | Status X > C

Grade A

**Instrument** VISIR  
**Name** CAL\_NGC5506\_PAH2\_2\_after\_HD126927  
**Target** HD126927  
**PI** Daniel Asmus  
**Run** 60.A-9629(A)  
**Container** Concatenation 1357952  
**Public Comments** Measured sensitivity photometri  
21 Mar 07:13 - Paranal Observatory

#### Files produced and additional information

**OBS.ID** 1357959  
**OBS.START** 2016-03-21T06:32:18  
**Template** VISIR\_img\_cal\_BurstAutoChopNod  
**Data Product** CALIB/STD/IMAGE,BURST,CHOPNOD,JITTER  
**Airmass** 1.065  
**Seeing** 0.86  
**Chopping** T/4.00641/0.0/8.0/PERPENDICU  
**Exposure** 0.0208 x 4 x 2 x 301 = 75.1296  
**Setup** IMG / 0.0453 / PAH2\_2

Original Filename	Archive Filename
VISIR_IMG_CAL_BURST081_0029.fits	VISIR.2016-03-21T06:34:05.710
VISIR_IMG_CAL_BURST081_0030.fits	VISIR.2016-03-21T06:35:33.231
VISIR_IMG_CAL_BURST081_0031.fits	VISIR.2016-03-21T06:36:56.232
VISIR_IMG_CAL_BURST081_0032.fits	VISIR.2016-03-21T06:38:23.242
VISIR_IMG_CAL_BURST081_0033.fits	VISIR.2016-03-21T06:39:50.238
VISIR_IMG_CAL_BURST081_0034.fits	VISIR.2016-03-21T06:41:17.231
VISIR_IMG_CAL_BURST081_0035.fits	VISIR.2016-03-21T06:42:42.246
VISIR_IMG_CAL_BURST081_0036.fits	VISIR.2016-03-21T06:44:09.237
VISIR_IMG_CAL_BURST081_0037.fits	VISIR.2016-03-21T06:45:36.233
VISIR_IMG_CAL_BURST081_0038.fits	VISIR.2016-03-21T06:47:02.233
VISIR_IMG_CAL_BURST081_0039.fits	VISIR.2016-03-21T06:48:29.233
VISIR_IMG_CAL_BURST081_0040.fits	VISIR.2016-03-21T06:49:57.230
VISIR_IMG_CAL_BURST081_0041.fits	VISIR.2016-03-21T06:51:24.251
VISIR_IMG_CAL_BURST081_0042.fits	VISIR.2016-03-21T06:52:53.266

**OB 1357926** | **06:54:42** > **07:18:36** | 00:23:54 | Mode: Commissioning | Loss: No Loss | Status X > C

Grade A

**Instrument** VISIR  
**Name** CAL\_Circinus\_PAH2\_2\_before\_HD119193  
**Target** HD119193  
**PI** Daniel Asmus  
**Run** 60.A-9629(A)  
**Container** Concatenation 1357922  
**Public Comments** Sensitivity still photometric  
21 Mar 08:56 - Paranal Observatory

#### Files produced and additional information

**OBS.ID** 1357926  
**OBS.START** 2016-03-21T06:54:42  
**Template** VISIR\_img\_cal\_BurstAutoChopNod  
**Data Product** CALIB/STD/IMAGE,BURST,CHOPNOD,JITTER  
**Airmass** 1.12  
**Seeing** 0.82  
**Chopping** T/4.00641/0.0/8.0/PERPENDICU  
**Exposure** 0.0208 x 4 x 2 x 301 = 75.1296  
**Setup** IMG / 0.0453 / PAH2\_2

Original Filename	Archive Filename
VISIR_IMG_CAL_BURST081_0043.fits	VISIR.2016-03-21T06:57:56.720
VISIR_IMG_CAL_BURST081_0044.fits	VISIR.2016-03-21T06:59:26.286
VISIR_IMG_CAL_BURST081_0045.fits	VISIR.2016-03-21T07:00:51.262
VISIR_IMG_CAL_BURST081_0046.fits	VISIR.2016-03-21T07:02:19.246
VISIR_IMG_CAL_BURST081_0047.fits	VISIR.2016-03-21T07:03:44.267
VISIR_IMG_CAL_BURST081_0048.fits	VISIR.2016-03-21T07:05:13.269
VISIR_IMG_CAL_BURST081_0049.fits	VISIR.2016-03-21T07:06:38.304
VISIR_IMG_CAL_BURST081_0050.fits	VISIR.2016-03-21T07:08:10.294
VISIR_IMG_CAL_BURST081_0051.fits	VISIR.2016-03-21T07:09:37.267
VISIR_IMG_CAL_BURST081_0052.fits	VISIR.2016-03-21T07:11:04.261
VISIR_IMG_CAL_BURST081_0053.fits	VISIR.2016-03-21T07:12:31.277
VISIR_IMG_CAL_BURST081_0054.fits	VISIR.2016-03-21T07:14:03.273
VISIR_IMG_CAL_BURST081_0055.fits	VISIR.2016-03-21T07:15:30.276
VISIR_IMG_CAL_BURST081_0056.fits	VISIR.2016-03-21T07:16:57.250

OB 1357923 | 07:18:44 > 08:04:41 | 00:45:57 | Mode: Commissioning | Loss: No Loss | Status X > C

Grade A

<b>Instrument</b>	VISIR
<b>Name</b>	SCI_Circinus_PAH2_2
<b>Target</b>	Circinus
<b>PI</b>	Daniel Asmus
<b>Run</b>	60.A-9629(A)
<b>Container</b>	Concatenation 1357922
<b>Public Comments</b>	Some background variation. Optical seeing ~0.7arcsec. 21 Mar 08:55 - Paranal Observatory OB re-classification for VISIR SV 21 Mar 12:06

#### Files produced and additional information

<b>OBS.ID</b>	1357923
<b>OBS.START</b>	2016-03-21T07:18:44
<b>Template</b>	VISIR_img_obs_BurstAutoChopNod
<b>Data Product</b>	SCIENCE/OBJECT/IMAGE,BURST,CHOPNOD,JITTER
<b>Airmass</b>	1.323
<b>Seeing</b>	0.84
<b>Chopping</b>	T/4.00641/0.0/8.0/PERPENDICU
<b>Exposure</b>	0.0208 x 4 x 2 x 301 = 75.1296
<b>Setup</b>	IMG / 0.0453 / PAH2_2

Original Filename	Archive Filename
VISIR_IMG_OBS_BURST081_0043.fits	VISIR.2016-03-21T07:21:39.770
VISIR_IMG_OBS_BURST081_0044.fits	VISIR.2016-03-21T07:23:13.250
VISIR_IMG_OBS_BURST081_0045.fits	VISIR.2016-03-21T07:24:40.247
VISIR_IMG_OBS_BURST081_0046.fits	VISIR.2016-03-21T07:26:10.275
VISIR_IMG_OBS_BURST081_0047.fits	VISIR.2016-03-21T07:27:40.244
VISIR_IMG_OBS_BURST081_0048.fits	VISIR.2016-03-21T07:29:13.235
VISIR_IMG_OBS_BURST081_0049.fits	VISIR.2016-03-21T07:30:40.233
VISIR_IMG_OBS_BURST081_0050.fits	VISIR.2016-03-21T07:32:11.239
VISIR_IMG_OBS_BURST081_0051.fits	VISIR.2016-03-21T07:33:38.239
VISIR_IMG_OBS_BURST081_0052.fits	VISIR.2016-03-21T07:35:12.258
VISIR_IMG_OBS_BURST081_0053.fits	VISIR.2016-03-21T07:36:51.239
VISIR_IMG_OBS_BURST081_0054.fits	VISIR.2016-03-21T07:38:22.261
VISIR_IMG_OBS_BURST081_0055.fits	VISIR.2016-03-21T07:39:49.245
VISIR_IMG_OBS_BURST081_0056.fits	VISIR.2016-03-21T07:41:21.241
VISIR_IMG_OBS_BURST081_0057.fits	VISIR.2016-03-21T07:43:24.514
VISIR_IMG_OBS_BURST081_0058.fits	VISIR.2016-03-21T07:45:01.250
VISIR_IMG_OBS_BURST081_0059.fits	VISIR.2016-03-21T07:46:26.254
VISIR_IMG_OBS_BURST081_0060.fits	VISIR.2016-03-21T07:47:57.240
VISIR_IMG_OBS_BURST081_0061.fits	VISIR.2016-03-21T07:49:24.285
VISIR_IMG_OBS_BURST081_0062.fits	VISIR.2016-03-21T07:50:57.263
VISIR_IMG_OBS_BURST081_0063.fits	VISIR.2016-03-21T07:52:26.260
VISIR_IMG_OBS_BURST081_0064.fits	VISIR.2016-03-21T07:53:57.247
VISIR_IMG_OBS_BURST081_0065.fits	VISIR.2016-03-21T07:55:22.255
VISIR_IMG_OBS_BURST081_0066.fits	VISIR.2016-03-21T07:56:54.261
VISIR_IMG_OBS_BURST081_0067.fits	VISIR.2016-03-21T07:58:23.253
VISIR_IMG_OBS_BURST081_0068.fits	VISIR.2016-03-21T07:59:54.260
VISIR_IMG_OBS_BURST081_0069.fits	VISIR.2016-03-21T08:01:20.261



**OB 1357929** | 08:04:48 > 08:27:49 | 00:23:01 | Mode: Commissioning | Loss: No Loss | Status X > C

Grade A

**Instrument** VISIR  
**Name** CAL\_Circinus\_PAH2\_2\_after\_HD128068  
**Target** HD128068  
**PI** Daniel Asmus  
**Run** 60.A-9629(A)  
**Container** Concatenation 1357922  
**Public Comments** Sensitivity photometric  
 21 Mar 08:57 - Paranal Observatory

**Files produced and additional information**

**OBS.ID** 1357929  
**OBS.START** 2016-03-21T08:04:48  
**Template** VISIR\_img\_cal\_BurstAutoChopNod  
**Data Product** CALIB/STD/IMAGE,BURST,CHOPNOD,JITTER  
**Airmass** 1.09  
**Seeing** 0.82  
**Chopping** T/4.00641/0.0/8.0/PERPENDICU  
**Exposure** 0.0208 x 4 x 2 x 301 = 75.1296  
**Setup** IMG / 0.0453 / PAH2\_2

Original Filename	Archive Filename
VISIR_IMG_CAL_BURST081_0057.fits	VISIR.2016-03-21T08:07:19.688
VISIR_IMG_CAL_BURST081_0058.fits	VISIR.2016-03-21T08:08:46.234
VISIR_IMG_CAL_BURST081_0059.fits	VISIR.2016-03-21T08:10:11.243
VISIR_IMG_CAL_BURST081_0060.fits	VISIR.2016-03-21T08:11:39.253
VISIR_IMG_CAL_BURST081_0061.fits	VISIR.2016-03-21T08:13:04.239
VISIR_IMG_CAL_BURST081_0062.fits	VISIR.2016-03-21T08:14:32.257
VISIR_IMG_CAL_BURST081_0063.fits	VISIR.2016-03-21T08:15:57.248
VISIR_IMG_CAL_BURST081_0064.fits	VISIR.2016-03-21T08:17:23.258
VISIR_IMG_CAL_BURST081_0065.fits	VISIR.2016-03-21T08:18:52.246
VISIR_IMG_CAL_BURST081_0066.fits	VISIR.2016-03-21T08:20:22.238
VISIR_IMG_CAL_BURST081_0067.fits	VISIR.2016-03-21T08:21:49.263
VISIR_IMG_CAL_BURST081_0068.fits	VISIR.2016-03-21T08:23:16.242
VISIR_IMG_CAL_BURST081_0069.fits	VISIR.2016-03-21T08:24:43.267
VISIR_IMG_CAL_BURST081_0070.fits	VISIR.2016-03-21T08:26:10.252

**OB 1356860** | 08:28:03 > 08:43:55 | 00:15:52 | Mode: Commissioning | Loss: No Loss | Status X > M

Grade X

**Instrument** VISIR  
**Name** Illup\_visir\_burst\_lykou  
**Target** II Lup  
**PI** Foteini Lykou  
**Run** 60.A-9637(A)  
**Container** Concatenation 1356859  
**Public Comments** windowing reduced to 500x500 to respect file size limit. Observing parameters in last template optimized to minimize detector artefacts (cross talk bars): jitter of 1arcsec and 4 nodding cycles. conditions very good. Optical seeing ~0.7arcsec.  
 21 Mar 09:04 - Paranal Observatory

**Files produced and additional information**

**OBS.ID** 1356860  
**OBS.START** 2016-03-21T08:28:03  
**Template** VISIR\_img\_acq\_MoveToPixel  
**Data Product** ACQUISITION/OBJECT/IMAGE,CHOPNOD  
**Airmass** 1.124  
**Seeing** 0.77  
**Chopping** T/4.0/0.0/10.0/PERPENDICU  
**Exposure** 0.025 x 4 x 2 x 38 = 9.5  
**Setup** IMG / 0.0453 / PAH1

Original Filename	Archive Filename
VISIR_IMG_ACQ081_0005.fits	VISIR.2016-03-21T08:30:16.129
VISIR_IMG_ACQ081_0006.fits	VISIR.2016-03-21T08:30:38.288
VISIR_IMG_ACQ081_0007.fits	VISIR.2016-03-21T08:30:50.395
VISIR_IMG_ACQ081_0008.fits	VISIR.2016-03-21T08:31:10.256

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

**Airmass** 1.124  
**Seeing** 0.77  
**Chopping** T/4.0/0.0/10.0/PERPENDICU  
**Exposure** 0.025 x 4 x 2 x 225 = 56.25  
**Setup** IMG / 0.0453 / PAH1

Original Filename	Archive Filename
VISIR_IMG_OBS_BURST081_0071.fits	VISIR.2016-03-21T08:33:04.216
VISIR_IMG_OBS_BURST081_0072.fits	VISIR.2016-03-21T08:34:13.258
VISIR_IMG_OBS_BURST081_0073.fits	VISIR.2016-03-21T08:35:14.336
VISIR_IMG_OBS_BURST081_0074.fits	VISIR.2016-03-21T08:36:27.244

**Template** VISIR\_img\_obs\_BurstAutoChopNod  
**Data Product** SCIENCE/OBJECT/IMAGE,BURST,CHOPNOD,JITTER  
**Airmass** 1.124  
**Seeing** 0.77  
**Chopping** T/2.997601/0.0/10.0/PERPENDICU  
**Exposure** 0.0278 x 5 x 2 x 81 = 27.0216  
**Setup** IMG / 0.0453 / PAH2

Original Filename	Archive Filename
VISIR_IMG_OBS_BURST081_0075.fits	VISIR.2016-03-21T08:38:16.400
VISIR_IMG_OBS_BURST081_0076.fits	VISIR.2016-03-21T08:38:56.252
VISIR_IMG_OBS_BURST081_0077.fits	VISIR.2016-03-21T08:39:40.243
VISIR_IMG_OBS_BURST081_0078.fits	VISIR.2016-03-21T08:40:22.253
VISIR_IMG_OBS_BURST081_0079.fits	VISIR.2016-03-21T08:41:00.238
VISIR_IMG_OBS_BURST081_0080.fits	VISIR.2016-03-21T08:41:44.267
VISIR_IMG_OBS_BURST081_0081.fits	VISIR.2016-03-21T08:42:24.257
VISIR_IMG_OBS_BURST081_0082.fits	VISIR.2016-03-21T08:43:04.249

**OB 1356860** | **08:44:01 > 08:50:07** | 00:06:06 | Mode: Commissioning | Loss: No Loss | Status X > C

Grade A

**Instrument** VISIR  
**Name** llup\_visir\_burst\_lykou  
**Target** II Lup  
**PI** Foteini Lykou  
**Run** 60.A-9637(A)  
**Container** Concatenation 1356859  
**Public Comments** windowing reduced to 500x500 to respect file size limit. We repeat just the first observing template with optimized observing parameters to minimize detector artefacts (cross talk bars); jitter of 1arcsec and 4 nodding cycles. Optical seeing ~0.7arcsec.  
*21 Mar 09:04 - Paranal Observatory*  
OB re-classification for VISIR SV  
*21 Mar 12:07*

#### Files produced and additional information

**OBS.ID** 1356860  
**OBS.START** 2016-03-21T08:44:01  
**Template** VISIR\_img\_obs\_BurstAutoChopNod  
**Data Product** SCIENCE/OBJECT/IMAGE,BURST,CHOPNOD,JITTER  
**Airmass** 1.129  
**Seeing** 0.83  
**Chopping** T/4.0/0.0/10.0/PERPENDICU  
**Exposure** 0.025 x 4 x 2 x 113 = 28.25  
**Setup** IMG / 0.0453 / PAH1

Original Filename	Archive Filename
VISIR_IMG_OBS_BURST081_0083.fits	VISIR.2016-03-21T08:44:36.569
VISIR_IMG_OBS_BURST081_0084.fits	VISIR.2016-03-21T08:45:18.243
VISIR_IMG_OBS_BURST081_0085.fits	VISIR.2016-03-21T08:46:00.252
VISIR_IMG_OBS_BURST081_0086.fits	VISIR.2016-03-21T08:46:42.248
VISIR_IMG_OBS_BURST081_0087.fits	VISIR.2016-03-21T08:47:22.241
VISIR_IMG_OBS_BURST081_0088.fits	VISIR.2016-03-21T08:48:03.271
VISIR_IMG_OBS_BURST081_0089.fits	VISIR.2016-03-21T08:48:42.270
VISIR_IMG_OBS_BURST081_0090.fits	VISIR.2016-03-21T08:49:22.252

**OB 1356863** | **08:50:15 > 08:59:59** | 00:09:44 | Mode: Commissioning | Loss: No Loss | Status X > C

Grade A

**Instrument** VISIR  
**Name** psf\_llLup\_hd133550visir\_burst\_lykou  
**Target** HD 133550  
**PI** Foteini Lykou

**Run** 60.A-9637(A)  
**Container** Concatenation 1356859  
**Public Comments** windowing reduced to 500x500 to respect file size limit. Observing parameters in last template optimized to minimize detector artefacts (cross talk bars): jitter of 1arcsec and 4 nodding cycles. conditions very good. Optical seeing ~0.7arcsec.  
21 Mar 09:04 - Paranal Observatory

#### Files produced and additional information

**OBS.ID** 1356863  
**OBS.START** 2016-03-21T08:50:15

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**Template** VISIR\_img\_acq\_MoveToPixel  
**Data Product** ACQUISITION/OBJECT/IMAGE,CHOPNOD  
**Airmass** 1.048  
**Seeing** 0.74  
**Chopping** T/4.0/0.0/10.0/PERPENDICU  
**Exposure** 0.025 x 4 x 2 x 38 = 9.5  
**Setup** IMG / 0.0453 / PAH1

Original Filename	Archive Filename
VISIR_IMG_ACQ081_0009.fits	VISIR.2016-03-21T08:52:21.982
VISIR_IMG_ACQ081_0010.fits	VISIR.2016-03-21T08:52:42.255
VISIR_IMG_ACQ081_0011.fits	VISIR.2016-03-21T08:52:54.229
VISIR_IMG_ACQ081_0012.fits	VISIR.2016-03-21T08:53:17.258

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**Template** VISIR\_img\_obs\_BurstAutoChopNod  
**Data Product** SCIENCE/OBJECT/IMAGE,BURST,CHOPNOD,JITTER  
**Airmass** 1.048  
**Seeing** 0.74  
**Chopping** T/4.0/0.0/10.0/PERPENDICU  
**Exposure** 0.025 x 4 x 2 x 38 = 9.5  
**Setup** IMG / 0.0453 / PAH1

Original Filename	Archive Filename
VISIR_IMG_OBS_BURST081_0091.fits	VISIR.2016-03-21T08:54:02.374
VISIR_IMG_OBS_BURST081_0092.fits	VISIR.2016-03-21T08:54:22.247
VISIR_IMG_OBS_BURST081_0093.fits	VISIR.2016-03-21T08:54:40.248
VISIR_IMG_OBS_BURST081_0094.fits	VISIR.2016-03-21T08:55:01.243
VISIR_IMG_OBS_BURST081_0095.fits	VISIR.2016-03-21T08:55:19.245
VISIR_IMG_OBS_BURST081_0096.fits	VISIR.2016-03-21T08:55:40.248
VISIR_IMG_OBS_BURST081_0097.fits	VISIR.2016-03-21T08:55:59.253
VISIR_IMG_OBS_BURST081_0098.fits	VISIR.2016-03-21T08:56:19.296

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**Template** VISIR\_img\_obs\_BurstAutoChopNod  
**Data Product** SCIENCE/OBJECT/IMAGE,BURST,CHOPNOD,JITTER  
**Airmass** 1.048  
**Seeing** 0.74  
**Chopping** T/2.997601/0.0/10.0/PERPENDICU  
**Exposure** 0.0278 x 5 x 2 x 27 = 9.0072  
**Setup** IMG / 0.0453 / PAH2

Original Filename	Archive Filename
VISIR_IMG_OBS_BURST081_0099.fits	VISIR.2016-03-21T08:57:16.390
VISIR_IMG_OBS_BURST081_0100.fits	VISIR.2016-03-21T08:57:36.258
VISIR_IMG_OBS_BURST081_0101.fits	VISIR.2016-03-21T08:57:53.240
VISIR_IMG_OBS_BURST081_0102.fits	VISIR.2016-03-21T08:58:13.246
VISIR_IMG_OBS_BURST081_0103.fits	VISIR.2016-03-21T08:58:32.255
VISIR_IMG_OBS_BURST081_0104.fits	VISIR.2016-03-21T08:58:51.264
VISIR_IMG_OBS_BURST081_0105.fits	VISIR.2016-03-21T08:59:13.245
VISIR_IMG_OBS_BURST081_0106.fits	VISIR.2016-03-21T08:59:33.252

**OB 1359343** | 09:00:14 > 09:08:33 | 00:08:19 | Mode: Commissioning | Loss: No Loss | Status A

Grade \_

**Instrument** VISIR  
**Name** lagadec\_visir\_friedegg\_burst\_NQ  
**Target** Fried Egg Nebula  
**PI** Eric Lagadec  
**Run** 60.A-9633(A)  
**Container** Concatenation 1359342  
**Public Comments** Aborted after acquisition because centering was not correct.  
Repeat.  
21 Mar 09:14 - Paranal Observatory

#### Files produced and additional information

**OBS.ID** 1359343  
**OBS.START** 2016-03-21T09:00:14  
**Template** VISIR\_img\_acq\_MoveToPixel  
**Data Product** ACQUISITION/OBJECT/IMAGE,CHOPNOD  
**Airmass** 1.06  
**Seeing** 0.77  
**Chopping** T/4.0/0.0/15.0/PERPENDICU  
**Exposure** 0.0125 x 7 x 2 x 86 = 21.5  
**Setup** IMG / 0.0453 / J8.9

Original Filename	Archive Filename
VISIR_IMG_ACQ081_0013.fits	VISIR.2016-03-21T09:04:24.978
VISIR_IMG_ACQ081_0014.fits	VISIR.2016-03-21T09:04:59.285

**Template** VISIR\_img\_obs\_BurstAutoChopNod  
**Data Product** SCIENCE/OBJECT/IMAGE,BURST,CHOPNOD,JITTER  
**Airmass** 1.06  
**Seeing** 0.77  
**Chopping** T/4.0/0.0/15.0/PERPENDICU  
**Exposure** 0.025 x 4 x 2 x 138 = 34.5  
**Setup** IMG / 0.0453 / PAH1

Original Filename	Archive Filename
VISIR_IMG_OBS_BURST081_0107.fits	VISIR.2016-03-21T09:07:30.110

**OB 1359343** | 09:08:49 > 09:42:51 | 00:34:02 | Mode: Commissioning | Loss: No Loss | Status A

Grade \_

**Instrument** VISIR  
**Name** lagadec\_visir\_friedegg\_burst\_NQ  
**Target** Fried Egg Nebula  
**PI** Eric Lagadec  
**Run** 60.A-9633(A)  
**Container** Concatenation 1359342  
**Public Comments** We increase the number of nodding cycles to not violate the file size limit. OB crashed in the second template (Q3 imaging). PAH1 observation is fine. Seeing in optical around 0.7arcsec. PWV is around 4mm. We repeat the Q3 imaging (next OB).  
*21 Mar 09:50 - Paranal Observatory*

#### Files produced and additional information

**OBS.ID** 1359343  
**OBS.START** 2016-03-21T09:08:49  
**Template** VISIR\_img\_acq\_MoveToPixel  
**Data Product** ACQUISITION/OBJECT/IMAGE,CHOPNOD  
**Airmass** 1.056  
**Seeing** 0.75  
**Chopping** T/4.0/0.0/15.0/PERPENDICU  
**Exposure** 0.0125 x 7 x 2 x 29 = 7.25  
**Setup** IMG / 0.0453 / J8.9

Original Filename	Archive Filename
VISIR_IMG_ACQ081_0015.fits	VISIR.2016-03-21T09:09:24.570
VISIR_IMG_ACQ081_0016.fits	VISIR.2016-03-21T09:09:41.264

**Template** VISIR\_img\_obs\_BurstAutoChopNod  
**Data Product** SCIENCE/OBJECT/IMAGE,BURST,CHOPNOD,JITTER  
**Airmass** 1.056  
**Seeing** 0.75  
**Chopping** T/4.0/0.0/15.0/PERPENDICU  
**Exposure** 0.025 x 4 x 2 x 138 = 34.5  
**Setup** IMG / 0.0453 / PAH1

Original Filename	Archive Filename
VISIR_IMG_OBS_BURST081_0108.fits	VISIR.2016-03-21T09:14:04.157
VISIR_IMG_OBS_BURST081_0109.fits	VISIR.2016-03-21T09:14:55.260
VISIR_IMG_OBS_BURST081_0110.fits	VISIR.2016-03-21T09:15:46.263
VISIR_IMG_OBS_BURST081_0111.fits	VISIR.2016-03-21T09:16:41.252
VISIR_IMG_OBS_BURST081_0112.fits	VISIR.2016-03-21T09:17:36.289
VISIR_IMG_OBS_BURST081_0113.fits	VISIR.2016-03-21T09:18:38.273
VISIR_IMG_OBS_BURST081_0114.fits	VISIR.2016-03-21T09:19:29.259
VISIR_IMG_OBS_BURST081_0115.fits	VISIR.2016-03-21T09:20:41.254
VISIR_IMG_OBS_BURST081_0116.fits	VISIR.2016-03-21T09:21:43.259
VISIR_IMG_OBS_BURST081_0117.fits	VISIR.2016-03-21T09:23:05.283

VISIR\_IMG\_OBS\_BURST081\_0118.fits VISIR.2016-03-21T09:23:57.298  
 VISIR\_IMG\_OBS\_BURST081\_0119.fits VISIR.2016-03-21T09:24:49.279  
 VISIR\_IMG\_OBS\_BURST081\_0120.fits VISIR.2016-03-21T09:25:43.292  
 VISIR\_IMG\_OBS\_BURST081\_0121.fits VISIR.2016-03-21T09:26:35.270  
 VISIR\_IMG\_OBS\_BURST081\_0122.fits VISIR.2016-03-21T09:27:25.293  
 VISIR\_IMG\_OBS\_BURST081\_0123.fits VISIR.2016-03-21T09:28:23.292  
 VISIR\_IMG\_OBS\_BURST081\_0124.fits VISIR.2016-03-21T09:29:19.265  
 VISIR\_IMG\_OBS\_BURST081\_0125.fits VISIR.2016-03-21T09:30:09.270  
 VISIR\_IMG\_OBS\_BURST081\_0126.fits VISIR.2016-03-21T09:30:57.258  
 VISIR\_IMG\_OBS\_BURST081\_0127.fits VISIR.2016-03-21T09:31:51.254  
 VISIR\_IMG\_OBS\_BURST081\_0128.fits VISIR.2016-03-21T09:32:44.269  
 VISIR\_IMG\_OBS\_BURST081\_0129.fits VISIR.2016-03-21T09:33:41.274  
 VISIR\_IMG\_OBS\_BURST081\_0130.fits VISIR.2016-03-21T09:34:35.249  
 VISIR\_IMG\_OBS\_BURST081\_0131.fits VISIR.2016-03-21T09:37:11.290  
 VISIR\_IMG\_OBS\_BURST081\_0132.fits VISIR.2016-03-21T09:38:05.278  
 VISIR\_IMG\_OBS\_BURST081\_0133.fits VISIR.2016-03-21T09:39:01.268

OB 1359343 | 09:43:04 > 10:08:09 | 00:25:05 | Mode: Commissioning | Loss: No Loss | Status A > C Grade B

**Instrument** VISIR  
**Name** lagadec\_visir\_friedegg\_burst\_NQ  
**Target** Fried Egg Nebula  
**PI** Eric Lagadec  
**Run** 60.A-9633(A)  
**Container** Concatenation 1359342  
**Public Comments** Q3 image could only be taken with half of the original exposure time on source because of larger than originally anticipated overheads because of file writing and the file size limit of 2GB forcing us to increase the exposure time dramatically.  
 21 Mar 10:23 - Paranal Observatory  
 OB re-classification for VISIR SV  
 21 Mar 12:08

**Files produced and additional information**

**OBS.ID** 1359343  
**OBS.START** 2016-03-21T09:43:03  
**Template** VISIR\_img\_obs\_BurstAutoChopNod  
**Data Product** SCIENCE/OBJECT/IMAGE,BURST,CHOPNOD,JITTER  
**Airmass** 1.037  
**Seeing** 0.76  
**Chopping** T/3.98724/0.0/15.0/PERPENDICU  
**Exposure** 0.0114 x 8 x 2 x 64 = 16.0512  
**Setup** IMG / 0.0453 / Q3

Original Filename	Archive Filename
VISIR_IMG_OBS_BURST081_0135.fits	VISIR.2016-03-21T09:43:20.132
VISIR_IMG_OBS_BURST081_0136.fits	VISIR.2016-03-21T09:44:02.292
VISIR_IMG_OBS_BURST081_0137.fits	VISIR.2016-03-21T09:44:46.249
VISIR_IMG_OBS_BURST081_0138.fits	VISIR.2016-03-21T09:45:35.250
VISIR_IMG_OBS_BURST081_0139.fits	VISIR.2016-03-21T09:46:20.269
VISIR_IMG_OBS_BURST081_0140.fits	VISIR.2016-03-21T09:47:07.268
VISIR_IMG_OBS_BURST081_0141.fits	VISIR.2016-03-21T09:47:53.303
VISIR_IMG_OBS_BURST081_0142.fits	VISIR.2016-03-21T09:48:41.295
VISIR_IMG_OBS_BURST081_0143.fits	VISIR.2016-03-21T09:49:25.297
VISIR_IMG_OBS_BURST081_0144.fits	VISIR.2016-03-21T09:50:13.303
VISIR_IMG_OBS_BURST081_0145.fits	VISIR.2016-03-21T09:51:01.287
VISIR_IMG_OBS_BURST081_0146.fits	VISIR.2016-03-21T09:51:48.331
VISIR_IMG_OBS_BURST081_0147.fits	VISIR.2016-03-21T09:52:33.300
VISIR_IMG_OBS_BURST081_0148.fits	VISIR.2016-03-21T09:53:20.258
VISIR_IMG_OBS_BURST081_0149.fits	VISIR.2016-03-21T09:54:02.279
VISIR_IMG_OBS_BURST081_0150.fits	VISIR.2016-03-21T09:54:49.254
VISIR_IMG_OBS_BURST081_0151.fits	VISIR.2016-03-21T09:55:33.277
VISIR_IMG_OBS_BURST081_0152.fits	VISIR.2016-03-21T09:56:19.259
VISIR_IMG_OBS_BURST081_0153.fits	VISIR.2016-03-21T09:57:04.264
VISIR_IMG_OBS_BURST081_0154.fits	VISIR.2016-03-21T09:57:51.288
VISIR_IMG_OBS_BURST081_0155.fits	VISIR.2016-03-21T09:58:36.251
VISIR_IMG_OBS_BURST081_0156.fits	VISIR.2016-03-21T09:59:21.258
VISIR_IMG_OBS_BURST081_0157.fits	VISIR.2016-03-21T10:00:06.276
VISIR_IMG_OBS_BURST081_0158.fits	VISIR.2016-03-21T10:00:55.256
VISIR_IMG_OBS_BURST081_0159.fits	VISIR.2016-03-21T10:01:40.272
VISIR_IMG_OBS_BURST081_0160.fits	VISIR.2016-03-21T10:02:27.262

VISIR\_IMG\_OBS\_BURST081\_0161.fits VISIR.2016-03-21T10:03:13.285  
VISIR\_IMG\_OBS\_BURST081\_0162.fits VISIR.2016-03-21T10:04:03.262  
VISIR\_IMG\_OBS\_BURST081\_0163.fits VISIR.2016-03-21T10:04:53.267  
VISIR\_IMG\_OBS\_BURST081\_0164.fits VISIR.2016-03-21T10:05:40.258  
VISIR\_IMG\_OBS\_BURST081\_0165.fits VISIR.2016-03-21T10:06:24.267  
VISIR\_IMG\_OBS\_BURST081\_0166.fits VISIR.2016-03-21T10:07:16.292

**OB 1359346 | 10:08:33 > 10:17:23** | 00:08:50 | Mode: Commissioning | Loss: No Loss | Status X > C

Grade B

**Instrument** VISIR  
**Name** lagadec\_visir\_psf\_friedegg\_burst\_NQ\_2  
**Target** HD 163376  
**PI** Eric Lagadec  
**Run** 60.A-9633(A)  
**Container** Concatenation 1359342  
**Public Comments** star very faint in Q3! Might not be detected  
*21 Mar 10:48 - Paranal Observatory*

#### Files produced and additional information

**OBS.ID** 1359346  
**OBS.START** 2016-03-21T10:08:33  
**Template** VISIR\_img\_acq\_MoveToPixel  
**Data Product** ACQUISITION/OBJECT/IMAGE,CHOPNOD  
**Airmass** 1.053  
**Seeing** 0.7  
**Chopping** T/4.0/0.0/15.0/PERPENDICU  
**Exposure** 0.0125 x 7 x 2 x 86 = 21.5  
**Setup** IMG / 0.0453 / J8.9

Original Filename	Archive Filename
VISIR_IMG_ACQ081_0017.fits	VISIR.2016-03-21T10:10:50.018
VISIR_IMG_ACQ081_0018.fits	VISIR.2016-03-21T10:11:45.315

**Template** VISIR\_img\_obs\_BurstAutoChopNod  
**Data Product** SCIENCE/OBJECT/IMAGE,BURST,CHOPNOD  
**Airmass** 1.053  
**Seeing** 0.7  
**Chopping** T/4.0/0.0/15.0/PERPENDICU  
**Exposure** 0.025 x 4 x 2 x 75 = 18.75  
**Setup** IMG / 0.0453 / PAH1

Original Filename	Archive Filename
VISIR_IMG_OBS_BURST081_0167.fits	VISIR.2016-03-21T10:13:20.125
VISIR_IMG_OBS_BURST081_0168.fits	VISIR.2016-03-21T10:13:54.275

**Template** VISIR\_img\_obs\_BurstAutoChopNod  
**Data Product** SCIENCE/OBJECT/IMAGE,BURST,CHOPNOD  
**Airmass** 1.053  
**Seeing** 0.7  
**Chopping** T/3.98724/0.0/15.0/PERPENDICU  
**Exposure** 0.0114 x 8 x 2 x 41 = 10.2828  
**Setup** IMG / 0.0453 / Q3

Original Filename	Archive Filename
VISIR_IMG_OBS_BURST081_0169.fits	VISIR.2016-03-21T10:15:20.229
VISIR_IMG_OBS_BURST081_0170.fits	VISIR.2016-03-21T10:15:52.255
VISIR_IMG_OBS_BURST081_0171.fits	VISIR.2016-03-21T10:16:17.931
VISIR_IMG_OBS_BURST081_0172.fits	VISIR.2016-03-21T10:16:53.268

#### 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