

## UT3 Visitor Telescope Report 10 / 11-Dec-2014



Report generated Dec 16 2014 11:15 UTC

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### Night Statistics

**Report Interval** 10 Dec 16:00 - 11 Dec 16:00 UT  
**Night Time** 11 Dec 00:51 - 11 Dec 08:17 UT  
**Night Length** 07:25  
**Evening Twilight** 10 Dec 23:31 - 11 Dec 00:51 UT  
**Morning Twilight** 11 Dec 08:17 - 11 Dec 09:37 UT

### Common Staff

**Day Shift Coordinators** H. Boffin  
**Day Time Astronomers**  
**Night Shift Coordinators** Jonathan Smoker  
**Operation Specialists** Carlos La Fuente  
Leonel Rivas  
Patricia Guajardo  
**Weather Officers** Francisco Caceres  
Israel Blanchard

### Telescope Staff

**Night Astronomers** Dimitri Mawet  
**Telescope Operators** Israel Blanchard  
**Visiting Astronomers**

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## Weather

### General Weather Conditions

**Seeing** 0.48 - 1.51 arcsec  
**Humidity** 06 - 26 %  
**Wind** 1.2 - 14.1 m/s  
**Temperature** 10.3 - 13.7 C

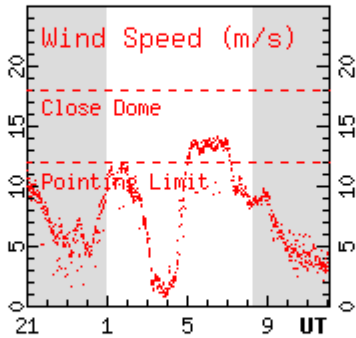
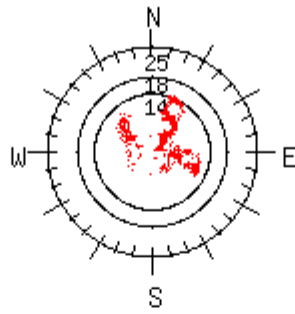
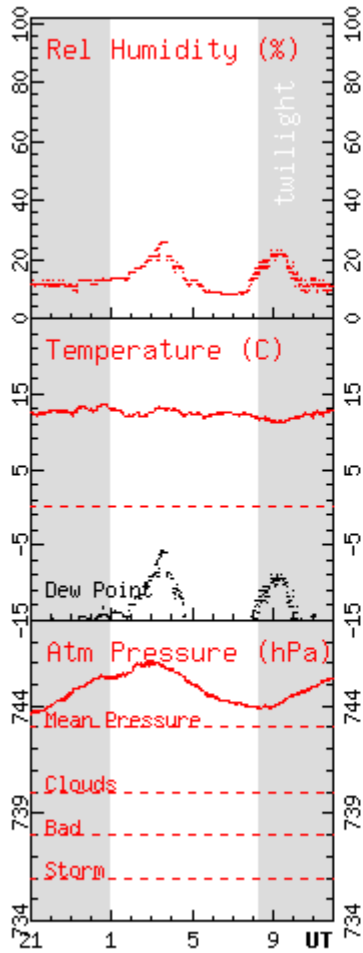
### Overall Comment

### Weather Observations

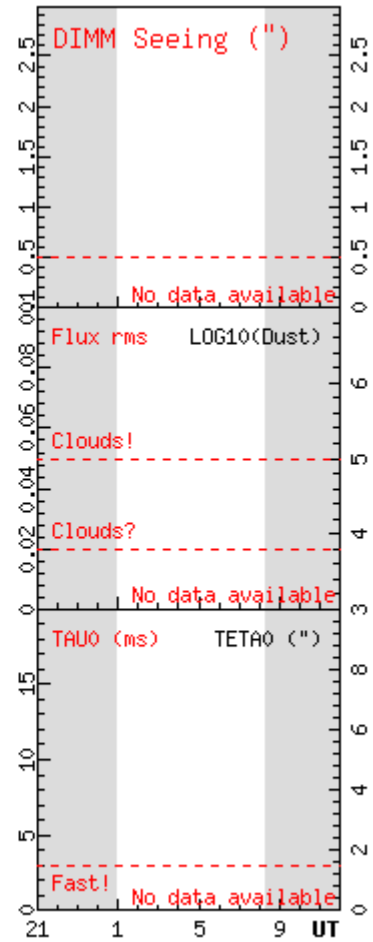
Time	Conditions	Comment
23:32	TN	Thin clouds passing by. - <i>Paranal Observatory</i>
01:10	TN	Thin clouds still passing by. - <i>Paranal Observatory</i>
02:33	TN	Thin clouds below 40 degrees. - <i>Paranal Observatory</i>
03:13	TN	Thin clouds passing by. - <i>Paranal Observatory</i>
05:08	WI TN	Wind speed above 12m/s. Pointing restriction to NE. Thin clouds still passing by. - <i>Paranal Observatory</i>
06:35	WI TN	Thin clouds still passing by. Pointing restriction still active. - <i>Paranal Observatory</i>
07:27	TN	Wind speed below 12m/s. No more pointing restriction. Thin clouds still passing by. - <i>Paranal Observatory</i>
08:23	TN	Thin clouds still passing by. - <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



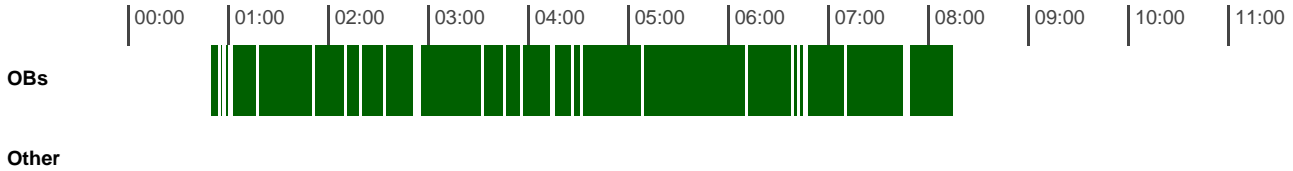
Ambient conditions for  
Paranal  
on the night of  
Wed, December 10, 2014  
Night begin: 00:52 UT  
end: 08:17 UT



ESO - Ambient Conditions Database

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

### Timeline



### Time Accounting

#### Total Time

Instrument	Mode	Time spent
SPHERE	Commissioning	07:25:40



#### Instrument Times

Instrument Mode Science Acquisition Calibration Standard

#### Total Losses

Instrument Mode Technical Misc Execution Preparation Idle Weather



Percentages are relative to the night duration of 07:25. 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
200127566	19:57:11 > 20:09:07	00:11:56	60.A-9050(A)	VIMOS	Calibrations	X	Service
200155281	21:29:40 > 21:40:00	00:10:20	60.A-9050(A)	VIMOS	VIMOS Focus Check	X	Service
200127566	08:43:48 > 13:04:07	04:20:19	60.A-9050(A)	VIMOS	Calibrations	X	Service
200313600	08:45:33 > 10:31:15	01:45:42	60.A-9249(A)	SPHERE	No name	-	Service
200313600	12:02:46 > 12:03:27	00:00:41	60.A-9249(A)	SPHERE	No name	-	Service

### Nighttime Observations

OB ID	from > to	Duration	Run ID	Instrument	OB Name	Loss Type	Grade	Mode
200339344	23:42:38 > 00:27:45	00:45:07	60.A-9361(A)	SPHERE	Ks H no Corono	No Loss	-	Commissioning
200339344	00:28:50 > 00:31:39	00:02:49	60.A-9361(A)	SPHERE	Ks H no Corono	No Loss	-	Commissioning
200339344	00:32:12 > 00:35:02	00:02:50	60.A-9361(A)	SPHERE	Ks H no Corono	No Loss	-	Commissioning
200339344	00:35:26 > 00:38:17	00:02:51	60.A-9361(A)	SPHERE	Ks H no Corono	No Loss	A	Commissioning
200339353	00:40:30 > 00:47:55	00:07:25	60.A-9361(A)	SPHERE	DPI cal star	No Loss	-	Commissioning
200339353	00:48:21 > 00:49:16	00:00:55	60.A-9361(A)	SPHERE	DPI cal star	No Loss	-	Commissioning
200339353	00:50:34 > 00:54:52	00:04:18	60.A-9361(A)	SPHERE	DPI cal star	No Loss	-	Commissioning
200339353	00:55:42 > 00:56:58	00:01:16	60.A-9361(A)	SPHERE	DPI cal star	No Loss	-	Commissioning
200339353	00:59:22 > 01:00:37	00:01:15	60.A-9361(A)	SPHERE	DPI cal star	No Loss	-	Commissioning
200339353	01:00:57 > 01:02:10	00:01:13	60.A-9361(A)	SPHERE	DPI cal star	No Loss	A	Commissioning
1157995	01:03:16 > 01:17:39	00:14:23	60.A-9366(A)	SPHERE	RDoradus_7	No Loss	-	Commissioning
1157995	01:18:31 > 01:51:14	00:32:43	60.A-9366(A)	SPHERE	RDoradus_7	No Loss	X	Commissioning
1157995	01:51:50 > 02:10:27	00:18:37	60.A-9366(A)	SPHERE	RDoradus_7	No Loss	A	Commissioning
200339368	02:11:02 > 02:19:35	00:08:33	60.A-9366(A)	SPHERE	RDoradus_PSF_CAL	No Loss	-	Commissioning
200339368	02:19:50 > 02:34:04	00:14:14	60.A-9366(A)	SPHERE	RDoradus_PSF_CAL	No Loss	A	Commissioning
1157826	02:34:24 > 02:51:57	00:17:33	60.A-9364(A)	SPHERE	V1000 Tau IRDIFS_EXT	No Loss	-	Commissioning
1157826	02:56:24 > 03:32:32	00:36:08	60.A-9364(A)	SPHERE	V1000 Tau IRDIFS_EXT	No Loss	B	Commissioning
1157830	03:33:42 > 03:45:26	00:11:44	60.A-9364(A)	SPHERE	CAL_V1000Tau	No Loss	B	Commissioning
1157821	03:45:43 > 03:55:53	00:10:10	60.A-9364(A)	SPHERE	CAL_TTau	No Loss	X	Commissioning
1158327	03:56:35 > 04:14:14	00:17:39	60.A-9354(A)	SPHERE	telluric-n2	No Loss	X	Commissioning
1158327	04:16:35 > 04:26:27	00:09:52	60.A-9354(A)	SPHERE	telluric-n2	No Loss	-	Commissioning
1158327	04:27:32 > 04:31:43	00:04:11	60.A-9354(A)	SPHERE	telluric-n2	No Loss	X	Commissioning
1158330	04:32:46 > 05:08:29	00:35:43	60.A-9354(A)	SPHERE	science-n2	No Loss	X	Commissioning
1157746	05:10:16 > 06:10:57	01:00:41	60.A-9353(A)	SPHERE	SN1987A_Y_H	No Loss	X	Commissioning
1157746	06:11:10 > 06:38:24	00:27:14	60.A-9353(A)	SPHERE	SN1987A_Y_H	No Loss	-	Commissioning
1157746	06:39:22 > 06:42:09	00:02:47	60.A-9353(A)	SPHERE	SN1987A_Y_H	No Loss	-	Commissioning
1157746	06:43:58 > 06:45:29	00:01:31	60.A-9353(A)	SPHERE	SN1987A_Y_H	No Loss	-	Commissioning
1157746	06:48:38 > 07:10:05	00:21:27	60.A-9353(A)	SPHERE	SN1987A_Y_H	No Loss	B	Commissioning
1157155	07:10:33 > 07:45:53	00:35:20	60.A-9386(A)	SPHERE	JansonSVT_ABDorB	No Loss	A	Commissioning
1157152	07:49:36 > 08:15:26	00:25:50	60.A-9386(A)	SPHERE	JansonSVT_GJ3323	No Loss	A	Commissioning

### Nighttime Losses

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

### Daytime Calibrations

OB 200127566 | 19:57:11 > 20:09:07 | 00:11:56 | 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

No files produced

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

**Public Comments****Files produced and additional information****OBS.ID** 200155281**OBS.START** 2014-12-10T21:29:40**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_AFC344_0001_B.1.fits	VIMOS.2014-12-10T21:33:15.989	Free	R		0.53 e-/adu	1.997
VIMOS_IMG_AFC344_0001_B.4.fits	VIMOS.2014-12-10T21:33:15.990	Free	R		0.54 e-/adu	1.997
VIMOS_IMG_AFC344_0001_A.2.fits	VIMOS.2014-12-10T21:33:15.999	Free	R		0.55 e-/adu	1.999
VIMOS_IMG_AFC344_0001_A.3.fits	VIMOS.2014-12-10T21:33:16.000	Free	R		0.56 e-/adu	1.999
VIMOS_IMG_AFC344_0002_B.4.fits	VIMOS.2014-12-10T21:33:44.824	Free	R		0.54 e-/adu	1.996
VIMOS_IMG_AFC344_0002_B.1.fits	VIMOS.2014-12-10T21:33:44.823	Free	R		0.53 e-/adu	1.996
VIMOS_IMG_AFC344_0002_A.2.fits	VIMOS.2014-12-10T21:33:44.843	Free	R		0.55 e-/adu	2.0
VIMOS_IMG_AFC344_0002_A.3.fits	VIMOS.2014-12-10T21:33:44.844	Free	R		0.56 e-/adu	2.0
VIMOS_IMG_AFC344_0003_B.4.fits	VIMOS.2014-12-10T21:34:13.717	Free	R		0.54 e-/adu	1.997
VIMOS_IMG_AFC344_0003_B.1.fits	VIMOS.2014-12-10T21:34:13.716	Free	R		0.53 e-/adu	1.997
VIMOS_IMG_AFC344_0003_A.2.fits	VIMOS.2014-12-10T21:34:13.725	Free	R		0.55 e-/adu	1.999
VIMOS_IMG_AFC344_0003_A.3.fits	VIMOS.2014-12-10T21:34:13.726	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_OTHER344_0001_A.3.fits	VIMOS.2014-12-10T21:34:38.369	Free	R	cal_05s_pinhole-3mod2.adp	1.81 e-/adu	1.0
VIMOS_IMG_OTHER344_0001_A.2.fits	VIMOS.2014-12-10T21:34:38.368	Free	R	cal_05s_pinhole-2mod2.adp	1.81 e-/adu	1.0
VIMOS_IMG_OTHER344_0001_B.4.fits	VIMOS.2014-12-10T21:34:38.370	Free	R	cal_05s_pinhole-4mod2.adp	1.79 e-/adu	0.997
VIMOS_IMG_OTHER344_0001_B.1.fits	VIMOS.2014-12-10T21:34:38.371	Free	R	cal_05s_pinhole-1mod2.adp	1.75 e-/adu	0.997

**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** 2014-12-11T08:43:48**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_BIAS345_0001_B.4.fits	VIMOS.2014-12-11T08:44:38.847	Free	1.79 e-/adu	0.0
VIMOS_IMG_BIAS345_0001_B.1.fits	VIMOS.2014-12-11T08:44:38.846	Free	1.75 e-/adu	0.0
VIMOS_IMG_BIAS345_0001_A.3.fits	VIMOS.2014-12-11T08:44:38.852	Free	1.81 e-/adu	0.0
VIMOS_IMG_BIAS345_0001_A.2.fits	VIMOS.2014-12-11T08:44:38.851	Free	1.81 e-/adu	0.0
VIMOS_IMG_BIAS345_0002_B.1.fits	VIMOS.2014-12-11T08:45:16.472	Free	1.75 e-/adu	0.0
VIMOS_IMG_BIAS345_0002_B.4.fits	VIMOS.2014-12-11T08:45:16.471	Free	1.79 e-/adu	0.0
VIMOS_IMG_BIAS345_0002_A.2.fits	VIMOS.2014-12-11T08:45:16.475	Free	1.81 e-/adu	0.0
VIMOS_IMG_BIAS345_0002_A.3.fits	VIMOS.2014-12-11T08:45:16.474	Free	1.81 e-/adu	0.0
VIMOS_IMG_BIAS345_0003_B.1.fits	VIMOS.2014-12-11T08:45:53.476	Free	1.75 e-/adu	0.0

VIMOS_IMG_BIAS345_0003_B.4.fits	VIMOS.2014-12-11T08:45:53.475	Free	1.79 e-/adu	0.0
VIMOS_IMG_BIAS345_0003_A.3.fits	VIMOS.2014-12-11T08:45:53.480	Free	1.81 e-/adu	0.0
VIMOS_IMG_BIAS345_0003_A.2.fits	VIMOS.2014-12-11T08:45:53.481	Free	1.81 e-/adu	0.0
VIMOS_IMG_BIAS345_0004_B.4.fits	VIMOS.2014-12-11T08:46:30.469	Free	1.79 e-/adu	0.0
VIMOS_IMG_BIAS345_0004_B.1.fits	VIMOS.2014-12-11T08:46:30.470	Free	1.75 e-/adu	0.0
VIMOS_IMG_BIAS345_0004_A.3.fits	VIMOS.2014-12-11T08:46:30.473	Free	1.81 e-/adu	0.0
VIMOS_IMG_BIAS345_0004_A.2.fits	VIMOS.2014-12-11T08:46:30.474	Free	1.81 e-/adu	0.0
VIMOS_IMG_BIAS345_0005_B.4.fits	VIMOS.2014-12-11T08:47:07.473	Free	1.79 e-/adu	0.0
VIMOS_IMG_BIAS345_0005_B.1.fits	VIMOS.2014-12-11T08:47:07.474	Free	1.75 e-/adu	0.0
VIMOS_IMG_BIAS345_0005_A.2.fits	VIMOS.2014-12-11T08:47:07.478	Free	1.81 e-/adu	0.0
VIMOS_IMG_BIAS345_0005_A.3.fits	VIMOS.2014-12-11T08:47:07.479	Free	1.81 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_BIAS345_0001_B.1.fits	VIMOS.2014-12-11T11:09:20.348	Free	Free		0.55 e-/adu	0.0
VIMOS_SPEC_BIAS345_0001_B.4.fits	VIMOS.2014-12-11T11:09:20.347	Free	Free		0.57 e-/adu	0.0
VIMOS_SPEC_BIAS345_0001_A.2.fits	VIMOS.2014-12-11T11:09:20.345	Free	Free		0.6 e-/adu	0.0
VIMOS_SPEC_BIAS345_0001_A.3.fits	VIMOS.2014-12-11T11:09:20.346	Free	Free		0.56 e-/adu	0.0
VIMOS_SPEC_BIAS345_0002_B.1.fits	VIMOS.2014-12-11T11:10:12.512	Free	Free		0.55 e-/adu	0.0
VIMOS_SPEC_BIAS345_0002_B.4.fits	VIMOS.2014-12-11T11:10:12.511	Free	Free		0.57 e-/adu	0.0
VIMOS_SPEC_BIAS345_0002_A.3.fits	VIMOS.2014-12-11T11:10:12.522	Free	Free		0.56 e-/adu	0.0
VIMOS_SPEC_BIAS345_0002_A.2.fits	VIMOS.2014-12-11T11:10:12.521	Free	Free		0.6 e-/adu	0.0
VIMOS_SPEC_BIAS345_0003_B.4.fits	VIMOS.2014-12-11T11:11:03.508	Free	Free		0.57 e-/adu	0.0
VIMOS_SPEC_BIAS345_0003_B.1.fits	VIMOS.2014-12-11T11:11:03.507	Free	Free		0.55 e-/adu	0.0
VIMOS_SPEC_BIAS345_0003_A.2.fits	VIMOS.2014-12-11T11:11:03.510	Free	Free		0.6 e-/adu	0.0
VIMOS_SPEC_BIAS345_0003_A.3.fits	VIMOS.2014-12-11T11:11:03.509	Free	Free		0.56 e-/adu	0.0
VIMOS_SPEC_BIAS345_0004_B.4.fits	VIMOS.2014-12-11T11:11:54.494	Free	Free		0.57 e-/adu	0.0
VIMOS_SPEC_BIAS345_0004_B.1.fits	VIMOS.2014-12-11T11:11:54.493	Free	Free		0.55 e-/adu	0.0
VIMOS_SPEC_BIAS345_0004_A.2.fits	VIMOS.2014-12-11T11:11:54.504	Free	Free		0.6 e-/adu	0.0
VIMOS_SPEC_BIAS345_0004_A.3.fits	VIMOS.2014-12-11T11:11:54.505	Free	Free		0.56 e-/adu	0.0
VIMOS_SPEC_BIAS345_0005_B.4.fits	VIMOS.2014-12-11T11:12:45.499	Free	Free		0.57 e-/adu	0.0
VIMOS_SPEC_BIAS345_0005_B.1.fits	VIMOS.2014-12-11T11:12:45.500	Free	Free		0.55 e-/adu	0.0
VIMOS_SPEC_BIAS345_0005_A.2.fits	VIMOS.2014-12-11T11:12:45.512	Free	Free		0.6 e-/adu	0.0
VIMOS_SPEC_BIAS345_0005_A.3.fits	VIMOS.2014-12-11T11:12:45.511	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** QTH10 / Afc

Original Filename	Archive Filename	Grism	Filter	INS.ADF.ID	DET.OUT1.CONAD	EXPTIME
VIMOS_MOS_FOCUS345_0001_B.4.fits	VIMOS.2014-12-11T11:57:57.575	Free	R		1.9 e-/adu	0.997
VIMOS_MOS_FOCUS345_0001_B.1.fits	VIMOS.2014-12-11T11:57:57.574	Free	R		1.9 e-/adu	0.997
VIMOS_MOS_FOCUS345_0001_A.2.fits	VIMOS.2014-12-11T11:57:57.580	Free	R		1.9 e-/adu	1.0
VIMOS_MOS_FOCUS345_0001_A.3.fits	VIMOS.2014-12-11T11:57:57.581	Free	R		1.9 e-/adu	1.0
VIMOS_MOS_FOCUS345_0002_A.2.fits	VIMOS.2014-12-11T11:58:52.177	Free	R		1.9 e-/adu	0.999
VIMOS_MOS_FOCUS345_0002_A.3.fits	VIMOS.2014-12-11T11:58:52.176	Free	R		1.9 e-/adu	0.999
VIMOS_MOS_FOCUS345_0002_B.4.fits	VIMOS.2014-12-11T11:58:52.179	Free	R		1.9 e-/adu	0.997
VIMOS_MOS_FOCUS345_0002_B.1.fits	VIMOS.2014-12-11T11:58:52.180	Free	R		1.9 e-/adu	0.997
VIMOS_MOS_FOCUS345_0003_A.2.fits	VIMOS.2014-12-11T11:59:45.173	Free	R		1.9 e-/adu	1.0
VIMOS_MOS_FOCUS345_0003_A.3.fits	VIMOS.2014-12-11T11:59:45.174	Free	R		1.9 e-/adu	1.0
VIMOS_MOS_FOCUS345_0003_B.1.fits	VIMOS.2014-12-11T11:59:45.176	Free	R		1.9 e-/adu	0.996
VIMOS_MOS_FOCUS345_0003_B.4.fits	VIMOS.2014-12-11T11:59:45.177	Free	R		1.9 e-/adu	0.996
VIMOS_MOS_FOCUS345_0004_B.4.fits	VIMOS.2014-12-11T12:00:38.212	Free	R		1.9 e-/adu	0.997
VIMOS_MOS_FOCUS345_0004_B.1.fits	VIMOS.2014-12-11T12:00:38.213	Free	R		1.9 e-/adu	0.997
VIMOS_MOS_FOCUS345_0004_A.2.fits	VIMOS.2014-12-11T12:00:38.219	Free	R		1.9 e-/adu	1.0
VIMOS_MOS_FOCUS345_0004_A.3.fits	VIMOS.2014-12-11T12:00:38.220	Free	R		1.9 e-/adu	1.0
VIMOS_MOS_FOCUS345_0005_A.3.fits	VIMOS.2014-12-11T12:01:31.175	Free	R		1.9 e-/adu	1.0
VIMOS_MOS_FOCUS345_0005_A.2.fits	VIMOS.2014-12-11T12:01:31.176	Free	R		1.9 e-/adu	1.0
VIMOS_MOS_FOCUS345_0005_B.4.fits	VIMOS.2014-12-11T12:01:31.179	Free	R		1.9 e-/adu	0.997
VIMOS_MOS_FOCUS345_0005_B.1.fits	VIMOS.2014-12-11T12:01:31.180	Free	R		1.9 e-/adu	0.997
VIMOS_MOS_FOCUS345_0006_B.1.fits	VIMOS.2014-12-11T12:02:24.176	Free	R		1.9 e-/adu	0.998
VIMOS_MOS_FOCUS345_0006_B.4.fits	VIMOS.2014-12-11T12:02:24.175	Free	R		1.9 e-/adu	0.998
VIMOS_MOS_FOCUS345_0006_A.2.fits	VIMOS.2014-12-11T12:02:24.183	Free	R		1.9 e-/adu	1.0
VIMOS_MOS_FOCUS345_0006_A.3.fits	VIMOS.2014-12-11T12:02:24.182	Free	R		1.9 e-/adu	1.0
VIMOS_MOS_FOCUS345_0007_A.3.fits	VIMOS.2014-12-11T12:03:21.170	Free	R		1.9 e-/adu	1.0



VIMOS_MOS_FOCUS345_0024_A.2.fits	VIMOS.2014-12-11T12:26:15.177	Free	R	1.9 e-/adu	1.0
VIMOS_MOS_FOCUS345_0024_A.3.fits	VIMOS.2014-12-11T12:26:15.176	Free	R	1.9 e-/adu	1.0
VIMOS_MOS_FOCUS345_0024_B.4.fits	VIMOS.2014-12-11T12:26:15.182	Free	R	1.9 e-/adu	0.997
VIMOS_MOS_FOCUS345_0024_B.1.fits	VIMOS.2014-12-11T12:26:15.181	Free	R	1.9 e-/adu	0.997
VIMOS_MOS_FOCUS345_0025_A.2.fits	VIMOS.2014-12-11T12:27:10.194	Free	R	1.9 e-/adu	0.999
VIMOS_MOS_FOCUS345_0025_A.3.fits	VIMOS.2014-12-11T12:27:10.193	Free	R	1.9 e-/adu	0.999
VIMOS_MOS_FOCUS345_0025_B.4.fits	VIMOS.2014-12-11T12:27:10.198	Free	R	1.9 e-/adu	0.997
VIMOS_MOS_FOCUS345_0025_B.1.fits	VIMOS.2014-12-11T12:27:10.197	Free	R	1.9 e-/adu	0.997
VIMOS_MOS_FOCUS345_0026_A.3.fits	VIMOS.2014-12-11T12:28:06.170	Free	R	1.9 e-/adu	1.0
VIMOS_MOS_FOCUS345_0026_A.2.fits	VIMOS.2014-12-11T12:28:06.169	Free	R	1.9 e-/adu	1.0
VIMOS_MOS_FOCUS345_0026_B.1.fits	VIMOS.2014-12-11T12:28:06.175	Free	R	1.9 e-/adu	0.997
VIMOS_MOS_FOCUS345_0026_B.4.fits	VIMOS.2014-12-11T12:28:06.174	Free	R	1.9 e-/adu	0.997
VIMOS_MOS_FOCUS345_0027_B.4.fits	VIMOS.2014-12-11T12:29:01.181	Free	R	1.9 e-/adu	0.997
VIMOS_MOS_FOCUS345_0027_B.1.fits	VIMOS.2014-12-11T12:29:01.180	Free	R	1.9 e-/adu	0.997
VIMOS_MOS_FOCUS345_0027_A.3.fits	VIMOS.2014-12-11T12:29:01.186	Free	R	1.9 e-/adu	0.999
VIMOS_MOS_FOCUS345_0027_A.2.fits	VIMOS.2014-12-11T12:29:01.187	Free	R	1.9 e-/adu	0.999
VIMOS_MOS_FOCUS345_0028_A.2.fits	VIMOS.2014-12-11T12:29:56.173	Free	R	1.9 e-/adu	1.0
VIMOS_MOS_FOCUS345_0028_A.3.fits	VIMOS.2014-12-11T12:29:56.172	Free	R	1.9 e-/adu	1.0
VIMOS_MOS_FOCUS345_0028_B.1.fits	VIMOS.2014-12-11T12:29:56.178	Free	R	1.9 e-/adu	0.997
VIMOS_MOS_FOCUS345_0028_B.4.fits	VIMOS.2014-12-11T12:29:56.177	Free	R	1.9 e-/adu	0.997

**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_LAMP345_0001_A.3.fits	VIMOS.2014-12-11T12:39:19.181	HR_orange	GG435	0.67	small	0.56 e-/adu	19.999
VIMOS_IFU_LAMP345_0001_A.2.fits	VIMOS.2014-12-11T12:39:19.182	HR_orange	GG435	0.67	small	0.6 e-/adu	19.999
VIMOS_IFU_LAMP345_0001_B.4.fits	VIMOS.2014-12-11T12:39:19.183	HR_orange	GG435	0.67	small	0.57 e-/adu	19.997
VIMOS_IFU_LAMP345_0001_B.1.fits	VIMOS.2014-12-11T12:39:19.184	HR_orange	GG435	0.67	small	0.55 e-/adu	19.997
VIMOS_IFU_LAMP345_0002_A.3.fits	VIMOS.2014-12-11T12:40:40.682	HR_orange	GG435	0.67	small	0.56 e-/adu	19.999
VIMOS_IFU_LAMP345_0002_A.2.fits	VIMOS.2014-12-11T12:40:40.681	HR_orange	GG435	0.67	small	0.6 e-/adu	19.999
VIMOS_IFU_LAMP345_0002_B.4.fits	VIMOS.2014-12-11T12:40:40.683	HR_orange	GG435	0.67	small	0.57 e-/adu	19.997
VIMOS_IFU_LAMP345_0002_B.1.fits	VIMOS.2014-12-11T12:40:40.684	HR_orange	GG435	0.67	small	0.55 e-/adu	19.997
VIMOS_IFU_LAMP345_0003_A.3.fits	VIMOS.2014-12-11T12:42:01.672	HR_orange	GG435	0.67	small	0.56 e-/adu	20.0
VIMOS_IFU_LAMP345_0003_B.4.fits	VIMOS.2014-12-11T12:42:01.670	HR_orange	GG435	0.67	small	0.57 e-/adu	19.997
VIMOS_IFU_LAMP345_0003_A.2.fits	VIMOS.2014-12-11T12:42:01.673	HR_orange	GG435	0.67	small	0.6 e-/adu	20.0
VIMOS_IFU_LAMP345_0003_B.1.fits	VIMOS.2014-12-11T12:42:01.671	HR_orange	GG435	0.67	small	0.55 e-/adu	19.997
VIMOS_IFU_LAMP345_0004_A.2.fits	VIMOS.2014-12-11T12:43:22.661	HR_orange	GG435	0.67	small	0.6 e-/adu	20.0
VIMOS_IFU_LAMP345_0004_A.3.fits	VIMOS.2014-12-11T12:43:22.662	HR_orange	GG435	0.67	small	0.56 e-/adu	20.0
VIMOS_IFU_LAMP345_0004_B.4.fits	VIMOS.2014-12-11T12:43:22.671	HR_orange	GG435	0.67	small	0.57 e-/adu	19.997
VIMOS_IFU_LAMP345_0004_B.1.fits	VIMOS.2014-12-11T12:43:22.670	HR_orange	GG435	0.67	small	0.55 e-/adu	19.997
VIMOS_IFU_LAMP345_0005_B.1.fits	VIMOS.2014-12-11T12:44:43.670	HR_orange	GG435	0.67	small	0.55 e-/adu	19.997
VIMOS_IFU_LAMP345_0005_B.4.fits	VIMOS.2014-12-11T12:44:43.671	HR_orange	GG435	0.67	small	0.57 e-/adu	19.997
VIMOS_IFU_LAMP345_0005_A.2.fits	VIMOS.2014-12-11T12:44:43.673	HR_orange	GG435	0.67	small	0.6 e-/adu	19.999
VIMOS_IFU_LAMP345_0005_A.3.fits	VIMOS.2014-12-11T12:44:43.672	HR_orange	GG435	0.67	small	0.56 e-/adu	19.999
VIMOS_IFU_LAMP345_0006_B.1.fits	VIMOS.2014-12-11T12:51:13.715	LR_red	OS-red	0.33	small	0.55 e-/adu	0.997
VIMOS_IFU_LAMP345_0006_B.4.fits	VIMOS.2014-12-11T12:51:13.716	LR_red	OS-red	0.33	small	0.57 e-/adu	0.997
VIMOS_IFU_LAMP345_0006_A.3.fits	VIMOS.2014-12-11T12:51:13.728	LR_red	OS-red	0.33	small	0.56 e-/adu	0.999
VIMOS_IFU_LAMP345_0006_A.2.fits	VIMOS.2014-12-11T12:51:13.729	LR_red	OS-red	0.33	small	0.6 e-/adu	0.999
VIMOS_IFU_LAMP345_0007_B.4.fits	VIMOS.2014-12-11T12:52:15.662	LR_red	OS-red	0.33	small	0.57 e-/adu	0.996
VIMOS_IFU_LAMP345_0007_B.1.fits	VIMOS.2014-12-11T12:52:15.663	LR_red	OS-red	0.33	small	0.55 e-/adu	0.996
VIMOS_IFU_LAMP345_0007_A.3.fits	VIMOS.2014-12-11T12:52:15.665	LR_red	OS-red	0.33	small	0.56 e-/adu	1.0
VIMOS_IFU_LAMP345_0007_A.2.fits	VIMOS.2014-12-11T12:52:15.666	LR_red	OS-red	0.33	small	0.6 e-/adu	1.0
VIMOS_IFU_LAMP345_0008_A.2.fits	VIMOS.2014-12-11T12:53:17.704	LR_red	OS-red	0.33	small	0.6 e-/adu	0.999
VIMOS_IFU_LAMP345_0008_A.3.fits	VIMOS.2014-12-11T12:53:17.703	LR_red	OS-red	0.33	small	0.56 e-/adu	0.999
VIMOS_IFU_LAMP345_0008_B.4.fits	VIMOS.2014-12-11T12:53:17.710	LR_red	OS-red	0.33	small	0.57 e-/adu	0.997
VIMOS_IFU_LAMP345_0008_B.1.fits	VIMOS.2014-12-11T12:53:17.709	LR_red	OS-red	0.33	small	0.55 e-/adu	0.997
VIMOS_IFU_LAMP345_0009_A.2.fits	VIMOS.2014-12-11T12:54:20.650	LR_red	OS-red	0.33	small	0.6 e-/adu	0.999
VIMOS_IFU_LAMP345_0009_A.3.fits	VIMOS.2014-12-11T12:54:20.651	LR_red	OS-red	0.33	small	0.56 e-/adu	0.999
VIMOS_IFU_LAMP345_0009_B.1.fits	VIMOS.2014-12-11T12:54:20.658	LR_red	OS-red	0.33	small	0.55 e-/adu	0.997
VIMOS_IFU_LAMP345_0009_B.4.fits	VIMOS.2014-12-11T12:54:20.657	LR_red	OS-red	0.33	small	0.57 e-/adu	0.997
VIMOS_IFU_LAMP345_0010_B.4.fits	VIMOS.2014-12-11T12:55:22.665	LR_red	OS-red	0.33	small	0.57 e-/adu	0.997
VIMOS_IFU_LAMP345_0010_B.1.fits	VIMOS.2014-12-11T12:55:22.664	LR_red	OS-red	0.33	small	0.55 e-/adu	0.997
VIMOS_IFU_LAMP345_0010_A.3.fits	VIMOS.2014-12-11T12:55:22.668	LR_red	OS-red	0.33	small	0.56 e-/adu	1.0
VIMOS_IFU_LAMP345_0010_A.2.fits	VIMOS.2014-12-11T12:55:22.669	LR_red	OS-red	0.33	small	0.6 e-/adu	1.0

**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_WAVE345_0001_B.4.fits	VIMOS.2014-12-11T12:45:58.988	HR_orange	GG435	0.67	small	0.57 e-/adu	12.985
VIMOS_IFU_WAVE345_0001_B.1.fits	VIMOS.2014-12-11T12:45:58.989	HR_orange	GG435	0.67	small	0.55 e-/adu	12.985
VIMOS_IFU_WAVE345_0001_A.2.fits	VIMOS.2014-12-11T12:45:58.991	HR_orange	GG435	0.67	small	0.6 e-/adu	13.002
VIMOS_IFU_WAVE345_0001_A.3.fits	VIMOS.2014-12-11T12:45:58.990	HR_orange	GG435	0.67	small	0.56 e-/adu	13.002

**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_WAVE345_0002_A.2.fits	VIMOS.2014-12-11T12:56:19.066	LR_red	OS-red	0.33	small	0.6 e-/adu	9.996
VIMOS_IFU_WAVE345_0002_A.3.fits	VIMOS.2014-12-11T12:56:19.065	LR_red	OS-red	0.33	small	0.56 e-/adu	9.996
VIMOS_IFU_WAVE345_0002_B.4.fits	VIMOS.2014-12-11T12:56:19.070	LR_red	OS-red	0.33	small	0.57 e-/adu	9.988
VIMOS_IFU_WAVE345_0002_B.1.fits	VIMOS.2014-12-11T12:56:19.071	LR_red	OS-red	0.33	small	0.55 e-/adu	9.988

**OB 200313600** | 08:45:33 > 10:31:15 | 01:45:42 | 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** 2014-12-11T08:45:33  
**Template** SPHERE\_irdis\_cal\_dark

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_IRDIS_CAL_DARK345_0001.fits	SPHER.2014-12-11T08:46:03.630	1/1	DARK		8.0
SPHERE_IRDIS_CAL_DARK345_0002.fits	SPHER.2014-12-11T08:49:14.209	1/1	DARK		2.0
SPHERE_IRDIS_CAL_DARK345_0003.fits	SPHER.2014-12-11T08:55:50.050	1/1	DARK		2.0
SPHERE_IRDIS_CAL_DARK345_0004.fits	SPHER.2014-12-11T08:57:00.386	1/1	DARK		64.0
SPHERE_IRDIS_CAL_DARK345_0005.fits	SPHER.2014-12-11T09:18:51.212	1/1	DARK		64.0

**Template** SPHERE\_irdifs\_cal\_dark

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_IRDIFS_IFS_CAL_DARK345_0001.fits	SPHER.2014-12-11T08:50:39.216	1/2	DARK		2.0
SPHERE_IRDIFS_IRDIS_CAL_DARK345_0001.fits	SPHER.2014-12-11T08:50:40.184	2/2	DARK		2.0
SPHERE_IRDIFS_IFS_CAL_DARK345_0002.fits	SPHER.2014-12-11T08:51:34.306	1/2	DARK		16.0
SPHERE_IRDIFS_IRDIS_CAL_DARK345_0002.fits	SPHER.2014-12-11T08:51:35.312	2/2	DARK		16.0
SPHERE_IRDIFS_IFS_CAL_DARK345_0003.fits	SPHER.2014-12-11T08:54:41.981	1/2	DARK		1.65
SPHERE_IRDIFS_IRDIS_CAL_DARK345_0003.fits	SPHER.2014-12-11T08:54:42.967	2/2	DARK		0.837

**Template** SPHERE\_irdis\_cal\_background

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_IRDIS_CAL_BCKG345_0001.fits	SPHER.2014-12-11T09:40:52.538	1/1	DARK,BACKGROUND		8.0
SPHERE_IRDIS_CAL_BCKG345_0002.fits	SPHER.2014-12-11T09:41:38.627	1/1	DARK,BACKGROUND		2.0
SPHERE_IRDIS_CAL_BCKG345_0003.fits	SPHER.2014-12-11T09:51:12.003	1/1	DARK,BACKGROUND		2.0
SPHERE_IRDIS_CAL_BCKG345_0004.fits	SPHER.2014-12-11T09:51:43.562	1/1	DARK,BACKGROUND		5.0
SPHERE_IRDIS_CAL_BCKG345_0005.fits	SPHER.2014-12-11T09:52:19.220	1/1	DARK,BACKGROUND		64.0
SPHERE_IRDIS_CAL_BCKG345_0006.fits	SPHER.2014-12-11T09:56:59.994	1/1	DARK,BACKGROUND		64.0
SPHERE_IRDIS_CAL_BCKG345_0007.fits	SPHER.2014-12-11T10:01:40.695	1/1	DARK,BACKGROUND		64.0

**Template** SPHERE\_irdifs\_cal\_background

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_IRDIFS_IFS_CAL_BCKG345_0001.fits	SPHER.2014-12-11T09:42:08.148	1/2	DARK,BACKGROUND		2.0
SPHERE_IRDIFS_IRDIS_CAL_BCKG345_0001.fits	SPHER.2014-12-11T09:42:09.065	2/2	DARK,BACKGROUND		2.0
SPHERE_IRDIFS_IFS_CAL_BCKG345_0002.fits	SPHER.2014-12-11T09:43:33.551	1/2	DARK,BACKGROUND		16.0
SPHERE_IRDIFS_IRDIS_CAL_BCKG345_0002.fits	SPHER.2014-12-11T09:43:34.499	2/2	DARK,BACKGROUND		16.0
SPHERE_IRDIFS_IFS_CAL_BCKG345_0003.fits	SPHER.2014-12-11T09:49:39.247	1/2	DARK,BACKGROUND		1.65
SPHERE_IRDIFS_IRDIS_CAL_BCKG345_0003.fits	SPHER.2014-12-11T09:49:40.249	2/2	DARK,BACKGROUND		0.837

**Template** SPHERE\_irdis\_cal\_flat

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
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SPHERE_IRDIS_CAL_FLAT345_0001.fits	SPHER.2014-12-11T10:06:49.949	1/5	FLAT,LAMP	1.0
SPHERE_IRDIS_CAL_FLAT345_0002.fits	SPHER.2014-12-11T10:07:12.389	2/5	FLAT,LAMP	1.25
SPHERE_IRDIS_CAL_FLAT345_0003.fits	SPHER.2014-12-11T10:07:36.367	3/5	FLAT,LAMP	1.5
SPHERE_IRDIS_CAL_FLAT345_0004.fits	SPHER.2014-12-11T10:08:02.827	4/5	FLAT,LAMP	1.75
SPHERE_IRDIS_CAL_FLAT345_0005.fits	SPHER.2014-12-11T10:08:32.872	5/5	FLAT,LAMP	2.0
SPHERE_IRDIS_CAL_FLAT345_0006.fits	SPHER.2014-12-11T10:09:54.713	1/2	FLAT,LAMP	1.0
SPHERE_IRDIS_CAL_FLAT345_0007.fits	SPHER.2014-12-11T10:10:16.218	2/2	FLAT,LAMP	2.0
SPHERE_IRDIS_CAL_FLAT345_0008.fits	SPHER.2014-12-11T10:11:15.123	1/5	FLAT,LAMP	1.0
SPHERE_IRDIS_CAL_FLAT345_0009.fits	SPHER.2014-12-11T10:11:36.616	2/5	FLAT,LAMP	1.25
SPHERE_IRDIS_CAL_FLAT345_0010.fits	SPHER.2014-12-11T10:12:01.628	3/5	FLAT,LAMP	1.5
SPHERE_IRDIS_CAL_FLAT345_0011.fits	SPHER.2014-12-11T10:12:28.164	4/5	FLAT,LAMP	1.75
SPHERE_IRDIS_CAL_FLAT345_0012.fits	SPHER.2014-12-11T10:12:57.168	5/5	FLAT,LAMP	2.0
SPHERE_IRDIS_CAL_FLAT345_0013.fits	SPHER.2014-12-11T10:13:48.126	1/5	FLAT,LAMP	1.0
SPHERE_IRDIS_CAL_FLAT345_0014.fits	SPHER.2014-12-11T10:14:09.606	2/5	FLAT,LAMP	1.5
SPHERE_IRDIS_CAL_FLAT345_0015.fits	SPHER.2014-12-11T10:14:37.094	3/5	FLAT,LAMP	2.0
SPHERE_IRDIS_CAL_FLAT345_0016.fits	SPHER.2014-12-11T10:15:08.535	4/5	FLAT,LAMP	2.5
SPHERE_IRDIS_CAL_FLAT345_0017.fits	SPHER.2014-12-11T10:15:46.011	5/5	FLAT,LAMP	3.0

**Template** SPHERE\_irdifs\_cal\_ifsflat

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_IRDIFS_IFS_CAL_IFSFLAT345_0001.fits	SPHER.2014-12-11T10:09:28.247	1/1	FLAT,LAMP		1.66

**Template** SPHERE\_irdifs\_cal\_wave

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_IRDIFS_IFS_CAL_WAVE345_0001.fits	SPHER.2014-12-11T10:18:12.717	1/1	WAVE,LAMP		1.66

**Template** SPHERE\_irdifs\_cal\_specpos

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_IRDIFS_IFS_CAL_IFSFLAT345_0002.fits	SPHER.2014-12-11T10:18:48.569	1/1	SPECPOS,LAMP		1.66

**Template** SPHERE\_irdis\_cal\_distmap

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_IRDIS_CAL_DISTMAP345_0001.fits	SPHER.2014-12-11T10:19:34.189	1/1	LAMP,DISTORT		1.0
SPHERE_IRDIS_CAL_DISTMAP345_0002.fits	SPHER.2014-12-11T10:21:19.938	1/1	LAMP,DISTORT		1.0
SPHERE_IRDIS_CAL_DISTMAP345_0003.fits	SPHER.2014-12-11T10:21:58.266	1/1	LAMP,DISTORT		1.0

**Template** SPHERE\_irdifs\_cal\_distmap

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_IRDIFS_IFS_CAL_DISTMAP345_0001.fits	SPHER.2014-12-11T10:20:22.955	1/4	LAMP,DISTORT		1.66
SPHERE_IRDIFS_IRDIS_CAL_DISTMAP345_0001.fits	SPHER.2014-12-11T10:20:23.611	2/4	LAMP,DISTORT		2.0

**Template** SPHERE\_zimpol\_i\_cal\_bias

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_ZIMPOL_CAL_BIAS345_0001.fits	SPHER.2014-12-11T10:23:11.522	1/1	BIAS		0.0

**Template** SPHERE\_zimpol\_i\_cal\_flat

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_ZIMPOL_CAL_FLAT345_0001.fits	SPHER.2014-12-11T10:24:35.518	1/1	FLAT,LAMP		10.0
SPHERE_ZIMPOL_CAL_FLAT345_0002.fits	SPHER.2014-12-11T10:25:38.267	1/1	FLAT,LAMP		60.0

**Template** SPHERE\_irdis\_iss\_cal\_wave

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_IRDIS_CAL_WAVE345_0001.fits	SPHER.2014-12-11T10:30:48.001	1/1	LAMP,WAVE		5.0

**OB 200313600** | 12:02:46 > 12:03:27 | 00:00:41 | Mode: Service | Loss: No Loss | Status X

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

## Nighttime Observations

**OB 200339344** | 23:42:38 > 00:27:45 | 00:45:07 | Mode: Commissioning | Loss: No Loss | Status X

Grade \_

**Instrument** SPHERE  
**Name** Ks H no Coronado  
**Target** NGC1068

**PI** Damien Gratadour  
**Run** 60.A-9361(A)  
**Container** -  
**Public Comments**

**Files produced and additional information**

**OBS.ID** 200339344  
**OBS.START** 2014-12-10T23:42:38  
**Template** SPHERE\_irdis\_dpi\_obs

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_IRDIS_OBS345_0001.fits	SPHER.2014-12-11T00:07:07.158	1/32	OBJECT		8.0
SPHERE_IRDIS_OBS345_0002.fits	SPHER.2014-12-11T00:07:45.920	2/32	OBJECT		8.0
SPHERE_IRDIS_OBS345_0003.fits	SPHER.2014-12-11T00:08:23.734	3/32	OBJECT		8.0
SPHERE_IRDIS_OBS345_0004.fits	SPHER.2014-12-11T00:09:02.455	4/32	OBJECT		8.0
SPHERE_IRDIS_OBS345_0005.fits	SPHER.2014-12-11T00:09:40.131	5/32	OBJECT		8.0
SPHERE_IRDIS_OBS345_0006.fits	SPHER.2014-12-11T00:10:18.937	6/32	OBJECT		8.0
SPHERE_IRDIS_OBS345_0007.fits	SPHER.2014-12-11T00:10:56.770	7/32	OBJECT		8.0
SPHERE_IRDIS_OBS345_0008.fits	SPHER.2014-12-11T00:11:34.484	8/32	OBJECT		8.0
SPHERE_IRDIS_OBS345_0009.fits	SPHER.2014-12-11T00:12:14.804	9/32	OBJECT		8.0
SPHERE_IRDIS_OBS345_0010.fits	SPHER.2014-12-11T00:12:53.573	10/32	OBJECT		8.0
SPHERE_IRDIS_OBS345_0011.fits	SPHER.2014-12-11T00:13:31.274	11/32	OBJECT		8.0
SPHERE_IRDIS_OBS345_0012.fits	SPHER.2014-12-11T00:14:09.905	12/32	OBJECT		8.0
SPHERE_IRDIS_OBS345_0013.fits	SPHER.2014-12-11T00:14:47.656	13/32	OBJECT		8.0
SPHERE_IRDIS_OBS345_0014.fits	SPHER.2014-12-11T00:15:26.510	14/32	OBJECT		8.0
SPHERE_IRDIS_OBS345_0015.fits	SPHER.2014-12-11T00:16:04.381	15/32	OBJECT		8.0
SPHERE_IRDIS_OBS345_0016.fits	SPHER.2014-12-11T00:16:42.168	16/32	OBJECT		8.0
SPHERE_IRDIS_OBS345_0017.fits	SPHER.2014-12-11T00:17:23.652	17/32	OBJECT		8.0
SPHERE_IRDIS_OBS345_0018.fits	SPHER.2014-12-11T00:18:01.864	18/32	OBJECT		8.0
SPHERE_IRDIS_OBS345_0019.fits	SPHER.2014-12-11T00:18:40.179	19/32	OBJECT		8.0
SPHERE_IRDIS_OBS345_0020.fits	SPHER.2014-12-11T00:19:18.507	20/32	OBJECT		8.0
SPHERE_IRDIS_OBS345_0021.fits	SPHER.2014-12-11T00:19:56.591	21/32	OBJECT		8.0
SPHERE_IRDIS_OBS345_0022.fits	SPHER.2014-12-11T00:20:34.795	22/32	OBJECT		8.0
SPHERE_IRDIS_OBS345_0023.fits	SPHER.2014-12-11T00:21:13.070	23/32	OBJECT		8.0
SPHERE_IRDIS_OBS345_0024.fits	SPHER.2014-12-11T00:21:50.882	24/32	OBJECT		8.0
SPHERE_IRDIS_OBS345_0025.fits	SPHER.2014-12-11T00:22:32.424	25/32	OBJECT		8.0
SPHERE_IRDIS_OBS345_0026.fits	SPHER.2014-12-11T00:23:10.493	26/32	OBJECT		8.0
SPHERE_IRDIS_OBS345_0027.fits	SPHER.2014-12-11T00:23:49.505	27/32	OBJECT		8.0
SPHERE_IRDIS_OBS345_0028.fits	SPHER.2014-12-11T00:24:27.201	28/32	OBJECT		8.0
SPHERE_IRDIS_OBS345_0029.fits	SPHER.2014-12-11T00:25:05.902	29/32	OBJECT		8.0
SPHERE_IRDIS_OBS345_0030.fits	SPHER.2014-12-11T00:25:43.570	30/32	OBJECT		8.0
SPHERE_IRDIS_OBS345_0031.fits	SPHER.2014-12-11T00:26:22.355	31/32	OBJECT		8.0
SPHERE_IRDIS_OBS345_0032.fits	SPHER.2014-12-11T00:27:00.178	32/32	OBJECT		8.0

**OB 200339344** | 00:28:50 > 00:31:39 | 00:02:49 | Mode: Commissioning | Loss: No Loss | Status X Grade \_

**Instrument** SPHERE  
**Name** Ks H no Corono  
**Target** NGC1068  
**PI** Damien Gratadour  
**Run** 60.A-9361(A)  
**Container** -  
**Public Comments**

**Files produced and additional information**

**OBS.ID** 200339344  
**OBS.START** 2014-12-11T00:28:49  
**Template** SPHERE\_irdis\_dpi\_obs

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_IRDIS_OBS345_0033.fits	SPHER.2014-12-11T00:28:57.984	1/4	OBJECT		8.0
SPHERE_IRDIS_OBS345_0034.fits	SPHER.2014-12-11T00:29:36.845	2/4	OBJECT		8.0
SPHERE_IRDIS_OBS345_0035.fits	SPHER.2014-12-11T00:30:17.783	3/4	OBJECT		8.0
SPHERE_IRDIS_OBS345_0036.fits	SPHER.2014-12-11T00:30:57.087	4/4	OBJECT		8.0

**OB 200339344** | 00:32:12 > 00:35:02 | 00:02:50 | Mode: Commissioning | Loss: No Loss | Status X Grade \_

**Instrument** SPHERE  
**Name** Ks H no Corono  
**Target** NGC1068

PI Damien Gratadour  
Run 60.A-9361(A)  
Container -  
Public Comments

#### Files produced and additional information

OBS.ID 200339344  
OBS.START 2014-12-11T00:32:12  
Template SPHERE\_irdis\_dpi\_obs

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_IRDIS_OBS345_0037.fits	SPHER.2014-12-11T00:32:20.857	1/4	OBJECT		8.0
SPHERE_IRDIS_OBS345_0038.fits	SPHER.2014-12-11T00:32:59.529	2/4	OBJECT		8.0
SPHERE_IRDIS_OBS345_0039.fits	SPHER.2014-12-11T00:33:40.895	3/4	OBJECT		8.0
SPHERE_IRDIS_OBS345_0040.fits	SPHER.2014-12-11T00:34:19.684	4/4	OBJECT		8.0

OB 200339344 | 00:35:26 > 00:38:17 | 00:02:51 | Mode: Commissioning | Loss: No Loss | Status X > C | Grade A

Instrument SPHERE  
Name Ks H no Corono  
Target NGC1068  
PI Damien Gratadour  
Run 60.A-9361(A)  
Container -  
Public Comments Second part of this OB (H-band) finished today, along with calibrator.  
11 Dec 04:49

#### Files produced and additional information

OBS.ID 200339344  
OBS.START 2014-12-11T00:35:26  
Template SPHERE\_irdis\_dpi\_obs

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_IRDIS_OBS345_0041.fits	SPHER.2014-12-11T00:35:35.203	1/4	OBJECT		8.0
SPHERE_IRDIS_OBS345_0042.fits	SPHER.2014-12-11T00:36:13.874	2/4	OBJECT		8.0
SPHERE_IRDIS_OBS345_0043.fits	SPHER.2014-12-11T00:36:54.701	3/4	OBJECT		8.0
SPHERE_IRDIS_OBS345_0044.fits	SPHER.2014-12-11T00:37:33.349	4/4	OBJECT		8.0

OB 200339353 | 00:40:30 > 00:47:55 | 00:07:25 | Mode: Commissioning | Loss: No Loss | Status A | Grade \_

Instrument SPHERE  
Name DPI cal star  
Target BD-00413  
PI Damien Gratadour  
Run 60.A-9361(A)  
Container -  
Public Comments

#### Files produced and additional information

OBS.ID 200339353  
OBS.START 2014-12-11T00:40:29  
Template SPHERE\_irdis\_dpi\_obs

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_IRDIS_OBS345_0045.fits	SPHER.2014-12-11T00:46:56.986	1/16	OBJECT		8.0
SPHERE_IRDIS_OBS345_0046.fits	SPHER.2014-12-11T00:47:08.224	2/16	OBJECT		8.0
SPHERE_IRDIS_OBS345_0047.fits	SPHER.2014-12-11T00:47:19.114	3/16	OBJECT		8.0
SPHERE_IRDIS_OBS345_0048.fits	SPHER.2014-12-11T00:47:30.030	4/16	OBJECT		8.0
SPHERE_IRDIS_OBS345_0049.fits	SPHER.2014-12-11T00:47:43.709	5/16	OBJECT		8.0

OB 200339353 | 00:48:21 > 00:49:16 | 00:00:55 | Mode: Commissioning | Loss: No Loss | Status A | Grade \_

Instrument SPHERE  
Name DPI cal star  
Target BD-00413  
PI Damien Gratadour  
Run 60.A-9361(A)  
Container -  
Public Comments

#### Files produced and additional information

OBS.ID 200339353  
OBS.START 2014-12-11T00:48:21  
Template SPHERE\_irdis\_dpi\_obs

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_IRDIS_OBS345_0050.fits	SPHER.2014-12-11T00:48:33.437	1/16	OBJECT		2.0
SPHERE_IRDIS_OBS345_0051.fits	SPHER.2014-12-11T00:48:47.138	2/16	OBJECT		2.0
SPHERE_IRDIS_OBS345_0052.fits	SPHER.2014-12-11T00:49:02.320	3/16	OBJECT		2.0

OB 200339353 | 00:50:34 > 00:54:52 | 00:04:18 | Mode: Commissioning | Loss: No Loss | Status X

Grade \_

Instrument SPHERE  
Name DPI cal star  
Target BD-00413  
PI Damien Gratadour  
Run 60.A-9361(A)  
Container -

Public Comments

Files produced and additional information

OBS.ID 200339353  
OBS.START 2014-12-11T00:50:34  
Template SPHERE\_irdis\_dpi\_obs

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_IRDIS_OBS345_0053.fits	SPHER.2014-12-11T00:50:54.841	1/16	OBJECT		2.0
SPHERE_IRDIS_OBS345_0054.fits	SPHER.2014-12-11T00:51:09.695	2/16	OBJECT		2.0
SPHERE_IRDIS_OBS345_0055.fits	SPHER.2014-12-11T00:51:23.427	3/16	OBJECT		2.0
SPHERE_IRDIS_OBS345_0056.fits	SPHER.2014-12-11T00:51:37.159	4/16	OBJECT		2.0
SPHERE_IRDIS_OBS345_0057.fits	SPHER.2014-12-11T00:51:53.680	5/16	OBJECT		2.0
SPHERE_IRDIS_OBS345_0058.fits	SPHER.2014-12-11T00:52:07.654	6/16	OBJECT		2.0
SPHERE_IRDIS_OBS345_0059.fits	SPHER.2014-12-11T00:52:21.329	7/16	OBJECT		2.0
SPHERE_IRDIS_OBS345_0060.fits	SPHER.2014-12-11T00:52:35.064	8/16	OBJECT		2.0
SPHERE_IRDIS_OBS345_0061.fits	SPHER.2014-12-11T00:52:51.935	9/16	OBJECT		2.0
SPHERE_IRDIS_OBS345_0062.fits	SPHER.2014-12-11T00:53:06.811	10/16	OBJECT		2.0
SPHERE_IRDIS_OBS345_0063.fits	SPHER.2014-12-11T00:53:20.860	11/16	OBJECT		2.0
SPHERE_IRDIS_OBS345_0064.fits	SPHER.2014-12-11T00:53:34.655	12/16	OBJECT		2.0
SPHERE_IRDIS_OBS345_0065.fits	SPHER.2014-12-11T00:53:52.111	13/16	OBJECT		2.0
SPHERE_IRDIS_OBS345_0066.fits	SPHER.2014-12-11T00:54:06.916	14/16	OBJECT		2.0
SPHERE_IRDIS_OBS345_0067.fits	SPHER.2014-12-11T00:54:20.656	15/16	OBJECT		2.0
SPHERE_IRDIS_OBS345_0068.fits	SPHER.2014-12-11T00:54:34.382	16/16	OBJECT		2.0

OB 200339353 | 00:55:42 > 00:56:58 | 00:01:16 | Mode: Commissioning | Loss: No Loss | Status X

Grade \_

Instrument SPHERE  
Name DPI cal star  
Target BD-00413  
PI Damien Gratadour  
Run 60.A-9361(A)  
Container -

Public Comments

Files produced and additional information

OBS.ID 200339353  
OBS.START 2014-12-11T00:55:42  
Template SPHERE\_irdis\_dpi\_obs

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_IRDIS_OBS345_0069.fits	SPHER.2014-12-11T00:55:51.872	1/4	OBJECT		2.0
SPHERE_IRDIS_OBS345_0070.fits	SPHER.2014-12-11T00:56:06.545	2/4	OBJECT		2.0
SPHERE_IRDIS_OBS345_0071.fits	SPHER.2014-12-11T00:56:23.945	3/4	OBJECT		2.0
SPHERE_IRDIS_OBS345_0072.fits	SPHER.2014-12-11T00:56:39.441	4/4	OBJECT		2.0

OB 200339353 | 00:59:22 > 01:00:37 | 00:01:15 | Mode: Commissioning | Loss: No Loss | Status X

Grade \_

Instrument SPHERE  
Name DPI cal star  
Target BD-00413  
PI Damien Gratadour  
Run 60.A-9361(A)  
Container -

## Public Comments

### Files produced and additional information

**OBS.ID** 200339353

**OBS.START** 2014-12-11T00:59:22

**Template** SPHERE\_irdis\_dpi\_obs

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_IRDIS_OBS345_0073.fits	SPHER.2014-12-11T00:59:31.299	1/4	OBJECT		2.0
SPHERE_IRDIS_OBS345_0074.fits	SPHER.2014-12-11T00:59:45.977	2/4	OBJECT		2.0
SPHERE_IRDIS_OBS345_0075.fits	SPHER.2014-12-11T01:00:05.537	3/4	OBJECT		2.0
SPHERE_IRDIS_OBS345_0076.fits	SPHER.2014-12-11T01:00:19.274	4/4	OBJECT		2.0

**OB 200339353** | 01:00:57 > 01:02:10 | 00:01:13 | Mode: Commissioning | Loss: No Loss | Status X > C

Grade A

**Instrument** SPHERE

**Name** DPI cal star

**Target** BD-00413

**PI** Damien Gratadour

**Run** 60.A-9361(A)

**Container** -

**Public Comments** Calibrator for NGC1068 H-band  
(Gratadour).  
11 Dec 04:50

### Files produced and additional information

**OBS.ID** 200339353

**OBS.START** 2014-12-11T01:00:57

**Template** SPHERE\_irdis\_dpi\_obs

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_IRDIS_OBS345_0077.fits	SPHER.2014-12-11T01:01:05.893	1/4	OBJECT		2.0
SPHERE_IRDIS_OBS345_0078.fits	SPHER.2014-12-11T01:01:20.562	2/4	OBJECT		2.0
SPHERE_IRDIS_OBS345_0079.fits	SPHER.2014-12-11T01:01:38.047	3/4	OBJECT		2.0
SPHERE_IRDIS_OBS345_0080.fits	SPHER.2014-12-11T01:01:51.981	4/4	OBJECT		2.0

**OB 1157995** | 01:03:16 > 01:17:39 | 00:14:23 | Mode: Commissioning | Loss: No Loss | Status A

Grade \_

**Instrument** SPHERE

**Name** RDoradus\_7

**Target** R Doradus

**PI** Theo Khouri

**Run** 60.A-9366(A)

**Container** -

**Public Comments**

### Files produced and additional information

**OBS.ID** 1157995

**OBS.START** 2014-12-11T01:03:15

**Template** SPHERE\_zimpol\_p\_acq

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_ZIMPOL_OBS345_0001.fits	SPHER.2014-12-11T01:08:31.277	1/1	OBJECT		2.0

**Template** SPHERE\_zimpol\_p2\_obs

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_ZIMPOL_OBS345_0002.fits	SPHER.2014-12-11T01:15:23.377	1/32	OBJECT		4.0
SPHERE_ZIMPOL_OBS345_0003.fits	SPHER.2014-12-11T01:16:10.239	2/32	OBJECT		4.0
SPHERE_ZIMPOL_OBS345_0004.fits	SPHER.2014-12-11T01:16:57.060	3/32	OBJECT		4.0

**OB 1157995** | 01:18:31 > 01:51:14 | 00:32:43 | Mode: Commissioning | Loss: No Loss | Status A

Grade X

**Instrument** SPHERE

**Name** RDoradus\_7

**Target** R Doradus

**PI** Theo Khouri

**Run** 60.A-9366(A)

**Container** -

**Public Comments**

### Files produced and additional information

**OBS.ID** 1157995

**OBS.START** 2014-12-11T01:18:31

Template SPHERE\_zimpol\_p2\_obs

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_ZIMPOL_OBS345_0005.fits	SPHER.2014-12-11T01:22:39.780	1/32	OBJECT		4.0
SPHERE_ZIMPOL_OBS345_0006.fits	SPHER.2014-12-11T01:23:23.520	2/32	OBJECT		4.0
SPHERE_ZIMPOL_OBS345_0007.fits	SPHER.2014-12-11T01:24:10.706	3/32	OBJECT		4.0
SPHERE_ZIMPOL_OBS345_0008.fits	SPHER.2014-12-11T01:24:54.479	4/32	OBJECT		4.0
SPHERE_ZIMPOL_OBS345_0009.fits	SPHER.2014-12-11T01:25:42.322	5/32	OBJECT		4.0
SPHERE_ZIMPOL_OBS345_0010.fits	SPHER.2014-12-11T01:26:26.286	6/32	OBJECT		4.0
SPHERE_ZIMPOL_OBS345_0011.fits	SPHER.2014-12-11T01:27:13.912	7/32	OBJECT		4.0
SPHERE_ZIMPOL_OBS345_0012.fits	SPHER.2014-12-11T01:27:57.763	8/32	OBJECT		4.0
SPHERE_ZIMPOL_OBS345_0013.fits	SPHER.2014-12-11T01:28:45.820	9/32	OBJECT		4.0
SPHERE_ZIMPOL_OBS345_0014.fits	SPHER.2014-12-11T01:29:31.282	10/32	OBJECT		4.0
SPHERE_ZIMPOL_OBS345_0015.fits	SPHER.2014-12-11T01:30:17.627	11/32	OBJECT		4.0
SPHERE_ZIMPOL_OBS345_0016.fits	SPHER.2014-12-11T01:31:01.334	12/32	OBJECT		4.0
SPHERE_ZIMPOL_OBS345_0017.fits	SPHER.2014-12-11T01:31:48.147	13/32	OBJECT		4.0
SPHERE_ZIMPOL_OBS345_0018.fits	SPHER.2014-12-11T01:32:32.235	14/32	OBJECT		4.0
SPHERE_ZIMPOL_OBS345_0019.fits	SPHER.2014-12-11T01:33:19.831	15/32	OBJECT		4.0
SPHERE_ZIMPOL_OBS345_0020.fits	SPHER.2014-12-11T01:34:06.844	16/32	OBJECT		4.0
SPHERE_ZIMPOL_OBS345_0021.fits	SPHER.2014-12-11T01:34:55.999	17/32	OBJECT		4.0
SPHERE_ZIMPOL_OBS345_0022.fits	SPHER.2014-12-11T01:35:39.708	18/32	OBJECT		4.0
SPHERE_ZIMPOL_OBS345_0023.fits	SPHER.2014-12-11T01:36:28.573	19/32	OBJECT		4.0
SPHERE_ZIMPOL_OBS345_0024.fits	SPHER.2014-12-11T01:37:12.397	20/32	OBJECT		4.0
SPHERE_ZIMPOL_OBS345_0025.fits	SPHER.2014-12-11T01:37:59.355	21/32	OBJECT		4.0
SPHERE_ZIMPOL_OBS345_0026.fits	SPHER.2014-12-11T01:38:43.086	22/32	OBJECT		4.0
SPHERE_ZIMPOL_OBS345_0027.fits	SPHER.2014-12-11T01:39:30.760	23/32	OBJECT		4.0
SPHERE_ZIMPOL_OBS345_0028.fits	SPHER.2014-12-11T01:40:14.427	24/32	OBJECT		4.0
SPHERE_ZIMPOL_OBS345_0029.fits	SPHER.2014-12-11T01:41:01.827	25/32	OBJECT		4.0
SPHERE_ZIMPOL_OBS345_0030.fits	SPHER.2014-12-11T01:41:48.182	26/32	OBJECT		4.0
SPHERE_ZIMPOL_OBS345_0031.fits	SPHER.2014-12-11T01:42:35.555	27/32	OBJECT		4.0
SPHERE_ZIMPOL_OBS345_0032.fits	SPHER.2014-12-11T01:43:19.216	28/32	OBJECT		4.0
SPHERE_ZIMPOL_OBS345_0033.fits	SPHER.2014-12-11T01:44:06.204	29/32	OBJECT		4.0
SPHERE_ZIMPOL_OBS345_0034.fits	SPHER.2014-12-11T01:44:50.151	30/32	OBJECT		4.0
SPHERE_ZIMPOL_OBS345_0035.fits	SPHER.2014-12-11T01:45:37.848	31/32	OBJECT		4.0
SPHERE_ZIMPOL_OBS345_0036.fits	SPHER.2014-12-11T01:46:24.582	32/32	OBJECT		4.0
SPHERE_ZIMPOL_OBS345_0037.fits	SPHER.2014-12-11T01:50:34.567	1/8	OBJECT		1.2

OB 1157995 | 01:51:50 > 02:10:27 | 00:18:37 | Mode: Commissioning | Loss: No Loss | Status X > C

Grade A

<b>Instrument</b>	SPHERE
<b>Name</b>	RDoradus_7
<b>Target</b>	R Doradus
<b>PI</b>	Theo Khouri
<b>Run</b>	60.A-9366(A)
<b>Container</b>	-
<b>Public Comments</b>	Very good conditions and fantastic image quality in the visible. We adjusted DIT/NDIT to get the requested saturated and non-saturated sequences. 11 Dec 04:52

Files produced and additional information

**OBS.ID** 1157995  
**OBS.START** 2014-12-11T01:51:50  
**Template** SPHERE\_zimpol\_p2\_obs

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_ZIMPOL_OBS345_0038.fits	SPHER.2014-12-11T01:51:59.814	1/8	OBJECT		15.0
SPHERE_ZIMPOL_OBS345_0039.fits	SPHER.2014-12-11T01:52:35.794	2/8	OBJECT		15.0
SPHERE_ZIMPOL_OBS345_0040.fits	SPHER.2014-12-11T01:53:12.758	3/8	OBJECT		15.0
SPHERE_ZIMPOL_OBS345_0041.fits	SPHER.2014-12-11T01:53:45.901	4/8	OBJECT		15.0
SPHERE_ZIMPOL_OBS345_0042.fits	SPHER.2014-12-11T01:54:21.745	5/8	OBJECT		15.0
SPHERE_ZIMPOL_OBS345_0043.fits	SPHER.2014-12-11T01:54:54.937	6/8	OBJECT		15.0
SPHERE_ZIMPOL_OBS345_0044.fits	SPHER.2014-12-11T01:55:31.579	7/8	OBJECT		15.0
SPHERE_ZIMPOL_OBS345_0045.fits	SPHER.2014-12-11T01:56:04.523	8/8	OBJECT		15.0
SPHERE_ZIMPOL_OBS345_0046.fits	SPHER.2014-12-11T01:57:14.639	1/12	OBJECT		1.2
SPHERE_ZIMPOL_OBS345_0047.fits	SPHER.2014-12-11T01:57:55.966	2/12	OBJECT		1.2
SPHERE_ZIMPOL_OBS345_0048.fits	SPHER.2014-12-11T01:58:37.215	3/12	OBJECT		1.2
SPHERE_ZIMPOL_OBS345_0049.fits	SPHER.2014-12-11T01:59:20.871	4/12	OBJECT		1.2
SPHERE_ZIMPOL_OBS345_0050.fits	SPHER.2014-12-11T02:00:04.240	5/12	OBJECT		1.2
SPHERE_ZIMPOL_OBS345_0051.fits	SPHER.2014-12-11T02:00:46.535	6/12	OBJECT		1.2
SPHERE_ZIMPOL_OBS345_0052.fits	SPHER.2014-12-11T02:01:30.427	7/12	OBJECT		1.2

SPHERE_ZIMPOL_OBS345_0053.fits	SPHER.2014-12-11T02:02:11.470	8/12	OBJECT	1.2
SPHERE_ZIMPOL_OBS345_0054.fits	SPHER.2014-12-11T02:02:52.541	9/12	OBJECT	1.2
SPHERE_ZIMPOL_OBS345_0055.fits	SPHER.2014-12-11T02:03:36.199	10/12	OBJECT	1.2
SPHERE_ZIMPOL_OBS345_0056.fits	SPHER.2014-12-11T02:04:18.336	11/12	OBJECT	1.2
SPHERE_ZIMPOL_OBS345_0057.fits	SPHER.2014-12-11T02:04:59.443	12/12	OBJECT	1.2
SPHERE_ZIMPOL_OBS345_0058.fits	SPHER.2014-12-11T02:07:28.733	1/4	OBJECT	1.2
SPHERE_ZIMPOL_OBS345_0059.fits	SPHER.2014-12-11T02:08:13.015	2/4	OBJECT	1.2
SPHERE_ZIMPOL_OBS345_0060.fits	SPHER.2014-12-11T02:08:56.138	3/4	OBJECT	1.2
SPHERE_ZIMPOL_OBS345_0061.fits	SPHER.2014-12-11T02:09:40.717	4/4	OBJECT	1.2

OB 200339368 | 02:11:02 > 02:19:35 | 00:08:33 | Mode: Commissioning | Loss: No Loss | Status A

Grade \_

**Instrument** SPHERE  
**Name** RDoradus\_PSF\_CAL  
**Target** Alpha Horoscopii  
**PI** Theo Khouri  
**Run** 60.A-9366(A)  
**Container** -

**Public Comments**

**Files produced and additional information**

**OBS.ID** 200339368

**OBS.START** 2014-12-11T02:11:02

**Template** SPHERE\_zimpol\_p2\_obs

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_ZIMPOL_OBS345_0062.fits	SPHER.2014-12-11T02:18:39.978	1/8	OBJECT		1.2
SPHERE_ZIMPOL_OBS345_0063.fits	SPHER.2014-12-11T02:19:08.300	2/8	OBJECT		1.2

OB 200339368 | 02:19:50 > 02:34:04 | 00:14:14 | Mode: Commissioning | Loss: No Loss | Status X > C

Grade A

**Instrument** SPHERE  
**Name** RDoradus\_PSF\_CAL  
**Target** Alpha Horoscopii  
**PI** Theo Khouri  
**Run** 60.A-9366(A)  
**Container** -

**Public Comments** Calibrator (alpha Hor) for RDOR\_7 (PI: Khouri), added by SV team to allow proper PSF calibration.  
11 Dec 04:52

**Files produced and additional information**

**OBS.ID** 200339368

**OBS.START** 2014-12-11T02:19:50

**Template** SPHERE\_zimpol\_p2\_obs

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_ZIMPOL_OBS345_0064.fits	SPHER.2014-12-11T02:20:07.339	1/8	OBJECT		1.2
SPHERE_ZIMPOL_OBS345_0065.fits	SPHER.2014-12-11T02:20:36.327	2/8	OBJECT		1.2
SPHERE_ZIMPOL_OBS345_0066.fits	SPHER.2014-12-11T02:21:07.379	3/8	OBJECT		1.2
SPHERE_ZIMPOL_OBS345_0067.fits	SPHER.2014-12-11T02:21:35.666	4/8	OBJECT		1.2
SPHERE_ZIMPOL_OBS345_0068.fits	SPHER.2014-12-11T02:22:07.807	5/8	OBJECT		1.2
SPHERE_ZIMPOL_OBS345_0069.fits	SPHER.2014-12-11T02:22:39.326	6/8	OBJECT		1.2
SPHERE_ZIMPOL_OBS345_0070.fits	SPHER.2014-12-11T02:23:10.879	7/8	OBJECT		1.2
SPHERE_ZIMPOL_OBS345_0071.fits	SPHER.2014-12-11T02:23:40.836	8/8	OBJECT		1.2
SPHERE_ZIMPOL_OBS345_0072.fits	SPHER.2014-12-11T02:24:57.539	1/8	OBJECT		1.2
SPHERE_ZIMPOL_OBS345_0073.fits	SPHER.2014-12-11T02:25:18.221	2/8	OBJECT		1.2
SPHERE_ZIMPOL_OBS345_0074.fits	SPHER.2014-12-11T02:25:42.274	3/8	OBJECT		1.2
SPHERE_ZIMPOL_OBS345_0075.fits	SPHER.2014-12-11T02:26:03.037	4/8	OBJECT		1.2
SPHERE_ZIMPOL_OBS345_0076.fits	SPHER.2014-12-11T02:26:27.410	5/8	OBJECT		1.2
SPHERE_ZIMPOL_OBS345_0077.fits	SPHER.2014-12-11T02:26:48.142	6/8	OBJECT		1.2
SPHERE_ZIMPOL_OBS345_0078.fits	SPHER.2014-12-11T02:27:11.979	7/8	OBJECT		1.2
SPHERE_ZIMPOL_OBS345_0079.fits	SPHER.2014-12-11T02:27:32.587	8/8	OBJECT		1.2
SPHERE_ZIMPOL_OBS345_0080.fits	SPHER.2014-12-11T02:29:33.252	1/12	OBJECT		1.2
SPHERE_ZIMPOL_OBS345_0081.fits	SPHER.2014-12-11T02:29:56.035	2/12	OBJECT		1.2
SPHERE_ZIMPOL_OBS345_0082.fits	SPHER.2014-12-11T02:30:17.076	3/12	OBJECT		1.2
SPHERE_ZIMPOL_OBS345_0083.fits	SPHER.2014-12-11T02:30:40.500	4/12	OBJECT		1.2
SPHERE_ZIMPOL_OBS345_0084.fits	SPHER.2014-12-11T02:31:01.756	5/12	OBJECT		1.2
SPHERE_ZIMPOL_OBS345_0085.fits	SPHER.2014-12-11T02:31:22.530	6/12	OBJECT		1.2
SPHERE_ZIMPOL_OBS345_0086.fits	SPHER.2014-12-11T02:31:47.407	7/12	OBJECT		1.2
SPHERE_ZIMPOL_OBS345_0087.fits	SPHER.2014-12-11T02:32:09.027	8/12	OBJECT		1.2

SPHERE_ZIMPOL_OBS345_0088.fits	SPHER.2014-12-11T02:32:30.119	9/12	OBJECT	1.2
SPHERE_ZIMPOL_OBS345_0089.fits	SPHER.2014-12-11T02:32:53.479	10/12	OBJECT	1.2
SPHERE_ZIMPOL_OBS345_0090.fits	SPHER.2014-12-11T02:33:14.356	11/12	OBJECT	1.2
SPHERE_ZIMPOL_OBS345_0091.fits	SPHER.2014-12-11T02:33:36.840	12/12	OBJECT	1.2

OB 1157826 | 02:34:24 > 02:51:57 | 00:17:33 | Mode: Commissioning | Loss: No Loss | Status A

Grade \_

**Instrument** SPHERE  
**Name** V1000 Tau IRDIFS\_EXT  
**Target** V1000 Tau  
**PI** Gergely Csepany  
**Run** 60.A-9364(A)  
**Container** Concatenation 1157825

**Public Comments**

**Files produced and additional information**

**OBS.ID** 1157826  
**OBS.START** 2014-12-11T02:34:24  
**Template** SPHERE\_irdifs\_ext\_obs

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_IRDIFS_IFS_OBS345_0001.fits	SPHER.2014-12-11T02:43:32.294	1/42	OBJECT,CENTER		16.0
SPHERE_IRDIFS_IRDIS_OBS345_0001.fits	SPHER.2014-12-11T02:43:33.127	2/42	OBJECT,CENTER		2.0
SPHERE_IRDIFS_IFS_OBS345_0002.fits	SPHER.2014-12-11T02:44:07.887	3/42	OBJECT		16.0
SPHERE_IRDIFS_IRDIS_OBS345_0002.fits	SPHER.2014-12-11T02:44:09.406	4/42	OBJECT		2.0
SPHERE_IRDIFS_IFS_OBS345_0003.fits	SPHER.2014-12-11T02:47:11.221	5/42	OBJECT		16.0
SPHERE_IRDIFS_IRDIS_OBS345_0003.fits	SPHER.2014-12-11T02:48:19.510	6/42	OBJECT		2.0

OB 1157826 | 02:56:24 > 03:32:32 | 00:36:08 | Mode: Commissioning | Loss: No Loss | Status X > C

Grade B

**Instrument** SPHERE  
**Name** V1000 Tau IRDIFS\_EXT  
**Target** V1000 Tau  
**PI** Gergely Csepany  
**Run** 60.A-9364(A)  
**Container** Concatenation 1157825

**Public Comments** Two sources in the FoV, only separated by 200 mas. It was unclear which to put under the coronagraphic mask. Moreover the DTTS loop was unstable because of the faintness and binarity of the object, so pointing was not maintained throughout the sequence.

11 Dec 04:56

We shortened the OB for this reason. Note that off-axis (flux) images were also taken at the end, as requested.

11 Dec 04:58 - Dimitri Mawet

**Files produced and additional information**

**OBS.ID** 1157826  
**OBS.START** 2014-12-11T02:56:24  
**Template** SPHERE\_irdifs\_ext\_obs

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_IRDIFS_IFS_OBS345_0005.fits	SPHER.2014-12-11T02:56:42.665	1/42	OBJECT,CENTER		16.0
SPHERE_IRDIFS_IRDIS_OBS345_0004.fits	SPHER.2014-12-11T02:56:43.438	2/42	OBJECT,CENTER		2.0
SPHERE_IRDIFS_IFS_OBS345_0006.fits	SPHER.2014-12-11T02:57:18.193	3/42	OBJECT		16.0
SPHERE_IRDIFS_IRDIS_OBS345_0005.fits	SPHER.2014-12-11T02:57:19.925	4/42	OBJECT		2.0
SPHERE_IRDIFS_IFS_OBS345_0007.fits	SPHER.2014-12-11T02:58:52.368	5/42	OBJECT		16.0
SPHERE_IRDIFS_IRDIS_OBS345_0006.fits	SPHER.2014-12-11T02:59:25.713	6/42	OBJECT		2.0
SPHERE_IRDIFS_IFS_OBS345_0008.fits	SPHER.2014-12-11T03:00:26.551	7/42	OBJECT		16.0
SPHERE_IRDIFS_IRDIS_OBS345_0007.fits	SPHER.2014-12-11T03:01:33.036	8/42	OBJECT		2.0
SPHERE_IRDIFS_IFS_OBS345_0009.fits	SPHER.2014-12-11T03:01:59.597	9/42	OBJECT		16.0
SPHERE_IRDIFS_IFS_OBS345_0010.fits	SPHER.2014-12-11T03:03:34.431	10/42	OBJECT		16.0
SPHERE_IRDIFS_IRDIS_OBS345_0008.fits	SPHER.2014-12-11T03:03:39.260	11/42	OBJECT		2.0
SPHERE_IRDIFS_IFS_OBS345_0011.fits	SPHER.2014-12-11T03:05:08.848	12/42	OBJECT		16.0
SPHERE_IRDIFS_IRDIS_OBS345_0009.fits	SPHER.2014-12-11T03:05:45.723	13/42	OBJECT		2.0
SPHERE_IRDIFS_IFS_OBS345_0012.fits	SPHER.2014-12-11T03:06:43.011	14/42	OBJECT		16.0
SPHERE_IRDIFS_IRDIS_OBS345_0010.fits	SPHER.2014-12-11T03:07:53.073	15/42	OBJECT		2.0
SPHERE_IRDIFS_IFS_OBS345_0013.fits	SPHER.2014-12-11T03:08:16.335	16/42	OBJECT		16.0
SPHERE_IRDIFS_IFS_OBS345_0014.fits	SPHER.2014-12-11T03:09:49.423	17/42	OBJECT		16.0
SPHERE_IRDIFS_IRDIS_OBS345_0011.fits	SPHER.2014-12-11T03:09:59.276	18/42	OBJECT		2.0
SPHERE_IRDIFS_IFS_OBS345_0015.fits	SPHER.2014-12-11T03:11:24.852	19/42	OBJECT		16.0
SPHERE_IRDIFS_IRDIS_OBS345_0012.fits	SPHER.2014-12-11T03:12:05.683	20/42	OBJECT		2.0
SPHERE_IRDIFS_IFS_OBS345_0016.fits	SPHER.2014-12-11T03:12:58.740	21/42	OBJECT		16.0
SPHERE_IRDIFS_IRDIS_OBS345_0013.fits	SPHER.2014-12-11T03:14:12.958	22/42	OBJECT		2.0
SPHERE_IRDIFS_IFS_OBS345_0017.fits	SPHER.2014-12-11T03:14:31.802	23/42	OBJECT		16.0



SPHERE_IRDIFS_IFS_OBS345_0018.fits	SPHER.2014-12-11T03:16:06.182	24/42	OBJECT	16.0
SPHERE_IRDIFS_IRDIS_OBS345_0014.fits	SPHER.2014-12-11T03:16:19.380	25/42	OBJECT	2.0
SPHERE_IRDIFS_IFS_OBS345_0019.fits	SPHER.2014-12-11T03:17:40.183	26/42	OBJECT	16.0
SPHERE_IRDIFS_IRDIS_OBS345_0015.fits	SPHER.2014-12-11T03:18:25.629	27/42	OBJECT	2.0
SPHERE_IRDIFS_IFS_OBS345_0020.fits	SPHER.2014-12-11T03:19:14.303	28/42	OBJECT	16.0
SPHERE_IRDIFS_IRDIS_OBS345_0016.fits	SPHER.2014-12-11T03:20:32.950	29/42	OBJECT	2.0
SPHERE_IRDIFS_IFS_OBS345_0021.fits	SPHER.2014-12-11T03:20:47.406	30/42	OBJECT	16.0
SPHERE_IRDIFS_IFS_OBS345_0022.fits	SPHER.2014-12-11T03:22:21.853	31/42	OBJECT	16.0
SPHERE_IRDIFS_IRDIS_OBS345_0017.fits	SPHER.2014-12-11T03:22:39.358	32/42	OBJECT	2.0
SPHERE_IRDIFS_IFS_OBS345_0023.fits	SPHER.2014-12-11T03:23:55.928	33/42	OBJECT	16.0
SPHERE_IRDIFS_IRDIS_OBS345_0018.fits	SPHER.2014-12-11T03:24:45.606	34/42	OBJECT	2.0
SPHERE_IRDIFS_IFS_OBS345_0024.fits	SPHER.2014-12-11T03:25:30.185	35/42	OBJECT	16.0
SPHERE_IRDIFS_IRDIS_OBS345_0019.fits	SPHER.2014-12-11T03:26:52.941	36/42	OBJECT	2.0
SPHERE_IRDIFS_IFS_OBS345_0025.fits	SPHER.2014-12-11T03:27:03.328	37/42	OBJECT	16.0
SPHERE_IRDIFS_IRDIS_OBS345_0020.fits	SPHER.2014-12-11T03:28:59.254	38/42	OBJECT	2.0
SPHERE_IRDIFS_IFS_SKY345_0001.fits	SPHER.2014-12-11T03:31:20.925	39/42	SKY	16.0
SPHERE_IRDIFS_IRDIS_SKY345_0001.fits	SPHER.2014-12-11T03:31:21.762	40/42	SKY	2.0
SPHERE_IRDIFS_IFS_OBS345_0026.fits	SPHER.2014-12-11T03:32:20.517	41/42	OBJECT,FLUX	2.0
SPHERE_IRDIFS_IRDIS_OBS345_0021.fits	SPHER.2014-12-11T03:32:21.494	42/42	OBJECT,FLUX	0.837

**OB 1157830** | 03:33:42 > 03:45:26 | 00:11:44 | Mode: Commissioning | Loss: No Loss | Status A > C Grade B

**Instrument** SPHERE  
**Name** CAL\_V1000Tau  
**Target** TYC 1867-2666-1  
**PI** Gergely Csepany  
**Run** 60.A-9364(A)  
**Container** Concatenation 1157825  
**Public Comments** Provided calibrator not found, after extensive search (wrong coordinates?). Replaced by the next one.  
*11 Dec 04:57 - Dimitri Mawet*

**Files produced and additional information**

No files produced

**OB 1157821** | 03:45:43 > 03:55:53 | 00:10:10 | Mode: Commissioning | Loss: No Loss | Status X > M Grade X

**Instrument** SPHERE  
**Name** CAL\_TTau  
**Target** TYC 1290-457-1  
**PI** Gergely Csepany  
**Run** 60.A-9364(A)  
**Container** Concatenation 1157816  
**Public Comments** Used this calibrator for OB 1157826, because the one provided was not found.  
*11 Dec 05:00 - Dimitri Mawet*

**Files produced and additional information**

**OBS.ID** 1157821  
**OBS.START** 2014-12-11T03:45:43  
**Template** SPHERE\_irdifs\_ext\_obs

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_IRDIFS_IFS_OBS345_0027.fits	SPHER.2014-12-11T03:52:44.132	1/4	OBJECT		16.0
SPHERE_IRDIFS_IRDIS_OBS345_0022.fits	SPHER.2014-12-11T03:52:45.228	2/4	OBJECT		2.0
SPHERE_IRDIFS_IFS_OBS345_0028.fits	SPHER.2014-12-11T03:55:35.746	3/4	OBJECT,FLUX		2.0
SPHERE_IRDIFS_IRDIS_OBS345_0023.fits	SPHER.2014-12-11T03:55:36.599	4/4	OBJECT,FLUX		0.837

**OB 1158327** | 03:56:35 > 04:14:14 | 00:17:39 | Mode: Commissioning | Loss: No Loss | Status X > M Grade X

**Instrument** SPHERE  
**Name** telluric-n2  
**Target** HIP 18907  
**PI** Melissa McClure  
**Run** 60.A-9354(A)  
**Container** Concatenation 1158326  
**Public Comments**

**Files produced and additional information**

**OBS.ID** 1158327  
**OBS.START** 2014-12-11T03:56:35

Template SPHERE\_irdis\_iss\_acq

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_IRDIS_ACQ345_0001.fits	SPHER.2014-12-11T03:59:06.420	1/3	OBJECT		1.0
SPHERE_IRDIS_CAL_FLAT345_0001.fits	SPHER.2014-12-11T03:59:41.404	2/3	FLAT,LAMP		4.0

Template SPHERE\_irdis\_iss\_obs

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_IRDIS_OBS345_0081.fits	SPHER.2014-12-11T04:09:09.653	1/7	OBJECT		2.0
SPHERE_IRDIS_OBS345_0082.fits	SPHER.2014-12-11T04:09:43.185	2/7	OBJECT		2.0
SPHERE_IRDIS_OBS345_0083.fits	SPHER.2014-12-11T04:10:14.608	3/7	OBJECT		2.0
SPHERE_IRDIS_OBS345_0084.fits	SPHER.2014-12-11T04:10:47.088	4/7	OBJECT		2.0
SPHERE_IRDIS_OBS345_0085.fits	SPHER.2014-12-11T04:11:18.449	5/7	OBJECT		2.0
SPHERE_IRDIS_OBS345_0086.fits	SPHER.2014-12-11T04:11:51.293	6/7	OBJECT		2.0
SPHERE_IRDIS_OBS345_0087.fits	SPHER.2014-12-11T04:12:23.259	7/7	OBJECT		2.0

Template SPHERE\_irdis\_iss\_cal\_wave

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_IRDIS_CAL_WAVE345_0001.fits	SPHER.2014-12-11T04:14:03.212	1/1	LAMP,WAVE		8.0

OB 1158327 | 04:16:35 > 04:26:27 | 00:09:52 | Mode: Commissioning | Loss: No Loss | Status A

Grade \_

**Instrument** SPHERE  
**Name** telluric-n2  
**Target** HIP 18907  
**PI** Melissa McClure  
**Run** 60.A-9354(A)  
**Container** Concatenation 1158326

**Public Comments**

**Files produced and additional information**

**OBS.ID** 1158327  
**OBS.START** 2014-12-11T04:16:35

Template SPHERE\_irdis\_iss\_obs

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_IRDIS_OBS345_0088.fits	SPHER.2014-12-11T04:24:52.807	1/7	OBJECT		2.0
SPHERE_IRDIS_OBS345_0089.fits	SPHER.2014-12-11T04:25:24.134	2/7	OBJECT		2.0
SPHERE_IRDIS_OBS345_0090.fits	SPHER.2014-12-11T04:25:55.887	3/7	OBJECT		2.0

OB 1158327 | 04:27:32 > 04:31:43 | 00:04:11 | Mode: Commissioning | Loss: No Loss | Status X > M

Grade X

**Instrument** SPHERE  
**Name** telluric-n2  
**Target** HIP 18907  
**PI** Melissa McClure  
**Run** 60.A-9354(A)  
**Container** Concatenation 1158326

**Public Comments**

**Files produced and additional information**

**OBS.ID** 1158327  
**OBS.START** 2014-12-11T04:27:32

Template SPHERE\_irdis\_iss\_obs

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_IRDIS_OBS345_0091.fits	SPHER.2014-12-11T04:27:52.834	1/7	OBJECT		2.0
SPHERE_IRDIS_OBS345_0092.fits	SPHER.2014-12-11T04:28:26.880	2/7	OBJECT		2.0
SPHERE_IRDIS_OBS345_0093.fits	SPHER.2014-12-11T04:28:59.077	3/7	OBJECT		2.0
SPHERE_IRDIS_OBS345_0094.fits	SPHER.2014-12-11T04:29:32.128	4/7	OBJECT		2.0
SPHERE_IRDIS_OBS345_0095.fits	SPHER.2014-12-11T04:30:06.032	5/7	OBJECT		2.0
SPHERE_IRDIS_OBS345_0096.fits	SPHER.2014-12-11T04:30:37.389	6/7	OBJECT		2.0
SPHERE_IRDIS_OBS345_0097.fits	SPHER.2014-12-11T04:31:09.194	7/7	OBJECT		2.0

OB 1158330 | 04:32:46 > 05:08:29 | 00:35:43 | Mode: Commissioning | Loss: No Loss | Status A

Grade X

**Instrument** SPHERE  
**Name** science-n2  
**Target** HD 32297  
**PI** Melissa McClure  
**Run** 60.A-9354(A)  
**Container** Concatenation 1158326

**Public Comments** Needed to stop after 3 of 8 integrations due to wind restrictions.  
11 Dec 05:08

#### Files produced and additional information

**OBS.ID** 1158330

**OBS.START** 2014-12-11T04:32:46

**Template** SPHERE\_irdis\_iss\_obs

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_IRDIS_OBS345_0098.fits	SPHER.2014-12-11T04:42:22.725	1/8	OBJECT		64.0
SPHERE_IRDIS_OBS345_0099.fits	SPHER.2014-12-11T04:51:04.352	2/8	OBJECT		64.0
SPHERE_IRDIS_OBS345_0100.fits	SPHER.2014-12-11T04:59:47.377	3/8	OBJECT		64.0

**OB 1157746 | 05:10:16 > 06:10:57 | 01:00:41 | Mode: Commissioning | Loss: No Loss | Status X > M**

Grade X

**Instrument** SPHERE  
**Name** SN1987A\_Y\_H  
**Target** Supernova 1987A  
**PI** C. Fransson  
**Run** 60.A-9353(A)  
**Container** -

**Public Comments**

#### Files produced and additional information

**OBS.ID** 1157746

**OBS.START** 2014-12-11T05:10:16

**Template** SPHERE\_irdis\_ci\_obs

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_IRDIS_OBS345_0101.fits	SPHER.2014-12-11T05:21:09.979	1/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0102.fits	SPHER.2014-12-11T05:22:17.699	2/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0103.fits	SPHER.2014-12-11T05:23:26.518	3/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0104.fits	SPHER.2014-12-11T05:24:35.249	4/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0105.fits	SPHER.2014-12-11T05:25:44.037	5/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0106.fits	SPHER.2014-12-11T05:26:51.879	6/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0107.fits	SPHER.2014-12-11T05:28:01.103	7/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0108.fits	SPHER.2014-12-11T05:29:10.024	8/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0109.fits	SPHER.2014-12-11T05:30:19.049	9/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0110.fits	SPHER.2014-12-11T05:31:27.725	10/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0111.fits	SPHER.2014-12-11T05:32:36.434	11/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0112.fits	SPHER.2014-12-11T05:33:45.096	12/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0113.fits	SPHER.2014-12-11T05:34:53.849	13/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0114.fits	SPHER.2014-12-11T05:36:02.666	14/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0115.fits	SPHER.2014-12-11T05:37:10.454	15/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0116.fits	SPHER.2014-12-11T05:38:19.186	16/19	OBJECT		64.0
SPHERE_IRDIS_SKY345_0001.fits	SPHER.2014-12-11T05:39:45.330	17/19	SKY		64.0
SPHERE_IRDIS_SKY345_0002.fits	SPHER.2014-12-11T05:40:58.852	18/19	SKY		64.0
SPHERE_IRDIS_SKY345_0003.fits	SPHER.2014-12-11T05:42:09.844	19/19	SKY		64.0
SPHERE_IRDIS_OBS345_0117.fits	SPHER.2014-12-11T05:43:42.648	1/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0118.fits	SPHER.2014-12-11T05:44:51.485	2/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0119.fits	SPHER.2014-12-11T05:46:00.186	3/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0120.fits	SPHER.2014-12-11T05:47:07.942	4/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0121.fits	SPHER.2014-12-11T05:48:16.618	5/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0122.fits	SPHER.2014-12-11T05:49:25.561	6/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0123.fits	SPHER.2014-12-11T05:50:34.680	7/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0124.fits	SPHER.2014-12-11T05:51:43.719	8/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0125.fits	SPHER.2014-12-11T05:52:52.480	9/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0126.fits	SPHER.2014-12-11T05:54:01.208	10/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0127.fits	SPHER.2014-12-11T05:55:10.065	11/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0128.fits	SPHER.2014-12-11T05:56:18.951	12/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0129.fits	SPHER.2014-12-11T05:57:26.704	13/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0130.fits	SPHER.2014-12-11T05:58:35.452	14/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0131.fits	SPHER.2014-12-11T05:59:44.124	15/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0132.fits	SPHER.2014-12-11T06:00:52.995	16/19	OBJECT		64.0
SPHERE_IRDIS_SKY345_0004.fits	SPHER.2014-12-11T06:02:19.532	17/19	SKY		64.0
SPHERE_IRDIS_SKY345_0005.fits	SPHER.2014-12-11T06:03:31.524	18/19	SKY		64.0
SPHERE_IRDIS_SKY345_0006.fits	SPHER.2014-12-11T06:04:44.814	19/19	SKY		64.0
SPHERE_IRDIS_OBS345_0133.fits	SPHER.2014-12-11T06:06:22.031	1/4	OBJECT		64.0
SPHERE_IRDIS_OBS345_0134.fits	SPHER.2014-12-11T06:07:29.920	2/4	OBJECT		64.0

SPHERE\_IRDIS\_OBS345\_0135.fits SPHER.2014-12-11T06:08:38.919 3/4 OBJECT 64.0  
SPHERE\_IRDIS\_OBS345\_0136.fits SPHER.2014-12-11T06:09:47.833 4/4 OBJECT 64.0

**OB 1157746 | 06:11:10 > 06:38:24 | 00:27:14 | Mode: Commissioning | Loss: No Loss | Status A** Grade \_

**Instrument** SPHERE  
**Name** SN1987A\_Y\_H  
**Target** Supernova 1987A  
**PI** C. Fransson  
**Run** 60.A-9353(A)  
**Container** -  
**Public Comments**

**Files produced and additional information**

**OBS.ID** 1157746  
**OBS.START** 2014-12-11T06:11:10  
**Template** SPHERE\_irdis\_ci\_obs

Original Filename	Archive Filename	TPLEXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_IRDIS_OBS345_0137.fits	SPHER.2014-12-11T06:11:34.930	1/1	OBJECT		64.0
SPHERE_IRDIS_OBS345_0138.fits	SPHER.2014-12-11T06:12:56.915	1/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0139.fits	SPHER.2014-12-11T06:14:05.652	2/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0140.fits	SPHER.2014-12-11T06:15:14.415	3/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0141.fits	SPHER.2014-12-11T06:16:23.146	4/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0142.fits	SPHER.2014-12-11T06:17:30.964	5/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0143.fits	SPHER.2014-12-11T06:18:39.557	6/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0144.fits	SPHER.2014-12-11T06:19:48.677	7/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0145.fits	SPHER.2014-12-11T06:20:57.637	8/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0146.fits	SPHER.2014-12-11T06:22:06.794	9/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0147.fits	SPHER.2014-12-11T06:23:15.537	10/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0148.fits	SPHER.2014-12-11T06:24:24.425	11/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0149.fits	SPHER.2014-12-11T06:25:33.235	12/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0150.fits	SPHER.2014-12-11T06:26:42.149	13/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0151.fits	SPHER.2014-12-11T06:27:49.851	14/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0152.fits	SPHER.2014-12-11T06:28:58.630	15/19	OBJECT		64.0
SPHERE_IRDIS_OBS345_0153.fits	SPHER.2014-12-11T06:30:07.591	16/19	OBJECT		64.0
SPHERE_IRDIS_SKY345_0007.fits	SPHER.2014-12-11T06:31:33.925	17/19	SKY		64.0
SPHERE_IRDIS_SKY345_0008.fits	SPHER.2014-12-11T06:32:45.790	18/19	SKY		64.0
SPHERE_IRDIS_SKY345_0009.fits	SPHER.2014-12-11T06:34:35.210	19/19	SKY		64.0
SPHERE_IRDIS_OBS345_0154.fits	SPHER.2014-12-11T06:36:06.979	1/18	OBJECT		64.0
SPHERE_IRDIS_OBS345_0155.fits	SPHER.2014-12-11T06:37:15.712	2/18	OBJECT		64.0

**OB 1157746 | 06:39:22 > 06:42:09 | 00:02:47 | Mode: Commissioning | Loss: No Loss | Status A** Grade \_

**Instrument** SPHERE  
**Name** SN1987A\_Y\_H  
**Target** Supernova 1987A  
**PI** C. Fransson  
**Run** 60.A-9353(A)  
**Container** -  
**Public Comments**

**Files produced and additional information**

**OBS.ID** 1157746  
**OBS.START** 2014-12-11T06:39:22  
**Template** SPHERE\_irdis\_ci\_obs

Original Filename	Archive Filename	TPLEXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_IRDIS_OBS345_0156.fits	SPHER.2014-12-11T06:39:36.588	1/18	OBJECT		64.0
SPHERE_IRDIS_OBS345_0157.fits	SPHER.2014-12-11T06:40:45.362	2/18	OBJECT		64.0

**OB 1157746 | 06:43:58 > 06:45:29 | 00:01:31 | Mode: Commissioning | Loss: No Loss | Status A** Grade \_

**Instrument** SPHERE  
**Name** SN1987A\_Y\_H  
**Target** Supernova 1987A  
**PI** C. Fransson  
**Run** 60.A-9353(A)  
**Container** -  
**Public Comments**

**Files produced and additional information****OBS.ID** 1157746**OBS.START** 2014-12-11T06:43:58**Template** SPHERE\_irdis\_ci\_obs

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_IRDIS_OBS345_0158.fits	SPHER.2014-12-11T06:44:14.793	1/18	OBJECT		64.0

**OB 1157746** | 06:48:38 > 07:10:05 | 00:21:27 | Mode: Commissioning | Loss: No Loss | Status X > C

Grade B

**Instrument** SPHERE  
**Name** SN1987A\_Y\_H  
**Target** Supernova 1987A  
**PI** C. Fransson  
**Run** 60.A-9353(A)  
**Container** -  
**Public Comments** Data OK after several attempts. OB re-classified as Completed.  
 11 Dec 12:16

**Files produced and additional information****OBS.ID** 1157746**OBS.START** 2014-12-11T06:48:38**Template** SPHERE\_irdis\_ci\_obs

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_IRDIS_OBS345_0159.fits	SPHER.2014-12-11T06:48:54.424	1/18	OBJECT		64.0
SPHERE_IRDIS_OBS345_0160.fits	SPHER.2014-12-11T06:50:03.269	2/18	OBJECT		64.0
SPHERE_IRDIS_OBS345_0161.fits	SPHER.2014-12-11T06:51:12.168	3/18	OBJECT		64.0
SPHERE_IRDIS_OBS345_0162.fits	SPHER.2014-12-11T06:52:20.987	4/18	OBJECT		64.0
SPHERE_IRDIS_OBS345_0163.fits	SPHER.2014-12-11T06:53:29.668	5/18	OBJECT		64.0
SPHERE_IRDIS_OBS345_0164.fits	SPHER.2014-12-11T06:54:38.438	6/18	OBJECT		64.0
SPHERE_IRDIS_OBS345_0165.fits	SPHER.2014-12-11T06:55:47.591	7/18	OBJECT		64.0
SPHERE_IRDIS_OBS345_0166.fits	SPHER.2014-12-11T06:56:56.661	8/18	OBJECT		64.0
SPHERE_IRDIS_OBS345_0167.fits	SPHER.2014-12-11T06:58:05.100	9/18	OBJECT		64.0
SPHERE_IRDIS_OBS345_0168.fits	SPHER.2014-12-11T06:59:13.764	10/18	OBJECT		64.0
SPHERE_IRDIS_OBS345_0169.fits	SPHER.2014-12-11T07:00:22.555	11/18	OBJECT		64.0
SPHERE_IRDIS_OBS345_0170.fits	SPHER.2014-12-11T07:01:31.538	12/18	OBJECT		64.0
SPHERE_IRDIS_OBS345_0171.fits	SPHER.2014-12-11T07:02:40.377	13/18	OBJECT		64.0
SPHERE_IRDIS_OBS345_0172.fits	SPHER.2014-12-11T07:03:49.307	14/18	OBJECT		64.0
SPHERE_IRDIS_OBS345_0173.fits	SPHER.2014-12-11T07:04:57.996	15/18	OBJECT		64.0
SPHERE_IRDIS_OBS345_0174.fits	SPHER.2014-12-11T07:06:06.780	16/18	OBJECT		64.0
SPHERE_IRDIS_SKY345_0010.fits	SPHER.2014-12-11T07:07:32.641	17/18	SKY		64.0
SPHERE_IRDIS_SKY345_0011.fits	SPHER.2014-12-11T07:08:45.824	18/18	SKY		64.0

**OB 1157155** | 07:10:33 > 07:45:53 | 00:35:20 | Mode: Commissioning | Loss: No Loss | Status X > C

Grade A

**Instrument** SPHERE  
**Name** JansonSVT\_ABDorB  
**Target** AB Dor B  
**PI** Markus Janson  
**Run** 60.A-9386(A)  
**Container** -  
**Public Comments** Completed  
 11 Dec 12:10

**Files produced and additional information****OBS.ID** 1157155**OBS.START** 2014-12-11T07:10:33**Template** SPHERE\_zimpol\_i\_acq

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_ZIMPOL_OBS345_0092.fits	SPHER.2014-12-11T07:18:08.188	1/1	OBJECT		30.0

**Template** SPHERE\_zimpol\_i\_obs

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_ZIMPOL_OBS345_0093.fits	SPHER.2014-12-11T07:24:23.484	1/5	OBJECT		50.0
SPHERE_ZIMPOL_OBS345_0094.fits	SPHER.2014-12-11T07:28:40.076	2/5	OBJECT		50.0
SPHERE_ZIMPOL_OBS345_0095.fits	SPHER.2014-12-11T07:32:58.716	3/5	OBJECT		50.0
SPHERE_ZIMPOL_OBS345_0096.fits	SPHER.2014-12-11T07:37:18.211	4/5	OBJECT		50.0
SPHERE_ZIMPOL_OBS345_0097.fits	SPHER.2014-12-11T07:41:35.823	5/5	OBJECT		50.0

**Instrument** SPHERE  
**Name** JansonSVT\_GJ3323  
**Target** GJ 3323  
**PI** Markus Janson  
**Run** 60.A-9386(A)  
**Container** -  
**Public Comments** Completed.  
 11 Dec 12:09

**Files produced and additional information**

**OBS.ID** 1157152  
**OBS.START** 2014-12-11T07:49:36

**Template** SPHERE\_zimpol\_i\_acq

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_ZIMPOL_OBS345_0098.fits	SPHER.2014-12-11T07:54:59.555	1/1	OBJECT		30.0

**Template** SPHERE\_zimpol\_i\_obs

Original Filename	Archive Filename	TPL.EXPNO/NEXP	DPR.TYPE	INS.FILT1.NAME	EXPTIME
SPHERE_ZIMPOL_OBS345_0099.fits	SPHER.2014-12-11T07:58:05.652	1/5	OBJECT		50.0
SPHERE_ZIMPOL_OBS345_0100.fits	SPHER.2014-12-11T08:01:32.263	2/5	OBJECT		50.0
SPHERE_ZIMPOL_OBS345_0101.fits	SPHER.2014-12-11T08:05:00.834	3/5	OBJECT		50.0
SPHERE_ZIMPOL_OBS345_0102.fits	SPHER.2014-12-11T08:08:32.801	4/5	OBJECT		50.0
SPHERE_ZIMPOL_OBS345_0103.fits	SPHER.2014-12-11T08:12:02.532	5/5	OBJECT		50.0

**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