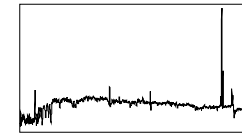
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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.COMP	10	21:55	00:01:36.6	+31:27:50	300	90	3.0	#178 Very Low	2	tiltpos is good - working on dome gearbox so will wait to start
0002-0011.BIAS	0	22:34	00:01:36.6	+31:27:50	300	90	3.0	#178 Very Low	4	
0012-0021.FLAT	12	22:37	00:01:36.6	+31:27:50	300	90	3.0	#178 Very Low	4	
0022-0031.BIAS	0	22:39	00:01:36.6	+31:27:50	300	90	3.0	#178 Very Low	2	
0032-0045.FLAT	25	22:47	00:01:36.6	+31:27:50	300	90	3.0	#178 Very Low	2	
0046.FLAT	25	22:48	00:01:36.6	+31:27:50	300	90	3.0	#178 Very Low	2	just about enough time to do all the darks before sunset
0047-0051.DARK	900	23:52	00:01:36.6	+31:27:50	300	90	3.0	#178 Very Low	4	
0052-0055.DARK	900	00:53	00:01:36.6	+31:27:50	300	90	3.0	#178 Very Low	2	
0056.DARK	900	01:08	00:01:36.6	+31:27:50	300	90	3.0	#178 Very Low	2	topped off dewar
0057.HD19445	10	02:03	03:08:26.3	+26:20:29	300	71	3.0	#56 Spectropho	2	someone turned off echellegain box so I couldnt see anything -
0058.HD19445	10	02:04	03:08:26.3	+26:20:29	300	71	3.0	#56 Spectropho	2	
0059.HD19445	10	02:05	03:08:26.3	+26:20:29	300	71	3.0	#56 Spectropho	2	focus changing a little still
0060.COMP	10	02:05	03:08:26.3	+26:20:29	300	71	3.0	#56 Spectropho	2	
0061.G191B2B	300	02:18	05:05:30.6	+52:49:57	300	90	3.0	#56 Spectropho	2	
0062.G191B2B	300	02:24	05:05:30.6	+52:49:57	300	90	3.0	#56 Spectropho	2	
0063.COMP	10	02:30	05:05:30.6	+52:49:57	300	90	3.0	#56 Spectropho	2	
0064.NGC1700	180	02:35	04:56:58.1	-04:52:23	300	20	3.0	#57 Velocity S	2	
0065.NGC1700	180	02:38	04:56:58.1	-04:52:23	300	20	3.0	#57 Velocity S	2	
0066.COMP	10	02:42	04:56:58.1	-04:52:23	300	20	3.0	#57 Velocity S	2	pointing is wonky despite using set telepos - took time to find
0067.IPHASB_1717	400	02:54	04:13:25.2	+52:16:00	300	90	3.0	#157 IPHAS	2	

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0068.COMP	10	03:01	04:13:25.2	+52:16:00	300	90	3.0	#157 IPHAS	2	redid set telepos - much better
0069.IPHASB_1719	300	03:07	04:13:40.7	+55:37:49	300	90	3.0	#157 IPHAS	2	
0070.COMP	10	03:12	04:13:40.7	+55:37:49	300	90	3.0	#157 IPHAS	2	
0071.IPHASB_1720	150	03:18	04:15:03.7	+52:09:46	300	20	3.0	#157 IPHAS	2	
0072.COMP	10	03:21	04:15:03.7	+52:09:46	300	20	3.0	#157 IPHAS	2	rotated to get companion out of slit
0073.IPHASB_1721	150	03:25	04:15:19.4	+49:51:24	300	90	3.0	#157 IPHAS	2	
0074.COMP	10	03:28	04:15:19.4	+49:51:24	300	90	3.0	#157 IPHAS	2	
0075.IPHASB_1722	150	03:31	04:15:39.6	+53:27:03	300	90	3.0	#157 IPHAS	2	
0076.COMP	10	03:34	04:15:39.6	+53:27:03	300	90	3.0	#157 IPHAS	2	
0077.IPHASB_1723	100	03:38	04:16:17.4	+45:25:39	300	90	3.0	#157 IPHAS	2	
0078.COMP	10	03:40	04:16:17.4	+45:25:39	300	90	3.0	#157 IPHAS	2	
0079.IPHASB_1724	150	03:42	04:17:50.1	+53:25:26	300	90	3.0	#157 IPHAS	2	
0080.COMP	10	03:45	04:17:50.1	+53:25:26	300	90	3.0	#157 IPHAS	2	
0081.IPHASB_1726	120	03:48	04:19:12.8	+45:17:57	300	90	3.0	#157 IPHAS	2	
0082.COMP	10	03:50	04:19:12.8	+45:17:57	300	90	3.0	#157 IPHAS	2	
0083.IPHASB_1730	400	03:53	04:20:35.1	+56:23:08	300	90	3.0	#157 IPHAS	2	
0084.COMP	10	04:00	04:20:35.1	+56:23:08	300	90	3.0	#157 IPHAS	2	
0085.IPHASB_1731	200	04:03	04:20:53.2	+49:44:07	300	90	3.0	#157 IPHAS	2	
0086.COMP	10	04:06	04:20:53.2	+49:44:07	300	90	3.0	#157 IPHAS	2	
0087.IPHASB_1732	200	04:10	04:21:00.4	+56:05:39	300	21	3.0	#157 IPHAS	2	rotated to get nearby object out of slit

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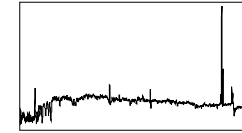
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0088.COMP	10	04:14	04:21:00.4	+56:05:39	300	21	3.0	#157 IPHAS	2	
0089.IPHASB_1733	150	04:20	04:21:01.6	+45:08:58	300	20	3.0	#157 IPHAS	2	rotated to get companion object off slit
0090.COMP	10	04:22	04:21:01.6	+45:08:58	300	20	3.0	#157 IPHAS	2	
0091.IPHASB_1734	120	04:27	04:21:38.8	+55:13:30	300	90	3.0	#157 IPHAS	2	
0092.COMP	10	04:29	04:21:38.8	+55:13:30	300	90	3.0	#157 IPHAS	2	
0093.IPHASB_1736	150	04:34	04:22:48.8	+47:06:44	300	60	3.0	#157 IPHAS	2	rotated to get nearby object out of slit
0094.COMP	10	04:37	04:22:48.8	+47:06:44	300	60	3.0	#157 IPHAS	2	
0095.IPHASB_1737	500	04:41	04:22:49.6	+51:54:16	300	90	3.0	#157 IPHAS	2	
0096.COMP	10	04:50	04:22:49.6	+51:54:16	300	90	3.0	#157 IPHAS	2	
0097.IPHASB_1738	120	04:53	04:23:02.5	+54:05:35	300	90	3.0	#157 IPHAS	2	
0098.COMP	10	04:55	04:23:02.5	+54:05:35	300	90	3.0	#157 IPHAS	2	
0099.IPHASB_2061	120	05:05	06:05:41.4	+30:51:26	300	90	3.0	#157 IPHAS	2	
0100.COMP	10	05:07	06:05:41.4	+30:51:26	300	90	3.0	#157 IPHAS	2	
0101.IPHASB_2062	300	05:13	06:05:58.5	+10:57:32	300	50	3.0	#157 IPHAS	2	rotated - nearby obj - focus and pointing different after slew
0102.COMP	10	05:18	06:05:58.5	+10:57:32	300	50	3.0	#157 IPHAS	2	
0103.IPHASB_2063	150	05:25	06:06:02.1	+27:15:27	300	90	3.0	#157 IPHAS	2	
0104.COMP	10	05:28	06:06:02.1	+27:15:27	300	90	3.0	#157 IPHAS	2	
0105.IPHASB_2066	200	05:31	06:07:06.0	+26:41:08	300	90	3.0	#157 IPHAS	2	
0106.COMP	10	05:34	06:07:06.0	+26:41:08	300	90	3.0	#157 IPHAS	2	
0107.IPHASB_2067	400	05:37	06:07:15.9	+19:30:00	300	90	3.0	#157 IPHAS	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0108.COMP	10	05:45	06:07:15.9	+19:30:00	300	90	3.0	#157 IPHAS	2	
0109.IPHASB_2068	600	05:51	06:07:28.5	+29:23:25	300	90	3.0	#157 IPHAS	2	
0110.COMP	10	06:02	06:07:28.5	+29:23:25	300	90	3.0	#157 IPHAS	2	
0111.SN2007uy	1500	06:07	09:09:35.4	+33:07:10	300	90	3.0	#157 IPHAS	2	
0112.COMP	10	06:32	09:09:35.4	+33:07:10	300	90	3.0	#157 IPHAS	2	SN2007uy comp
0113.SN2008ae	1800	06:38	09:56:03.2	+10:29:59	300	90	3.0	#157 IPHAS	2	Could barely see SN in bin 128
0114.COMP	10	07:09	09:56:03.2	+10:29:59	300	90	3.0	#157 IPHAS	2	
0115.fmfs273	300	07:16	10:19:15.2	-06:48:54	300	90	3.0	#171 Local Uni	2	yikes - redoing with 1200 sec
0116.COMP	10	07:21	10:19:15.2	-06:48:54	300	90	3.0	#171 Local Uni	2	
0117.fmfs273	1200	07:25	10:19:15.2	-06:48:54	300	90	3.0	#171 Local Uni	2	definetly usable - exptime somewherein between
0118.COMP	10	07:45	10:19:15.2	-06:48:54	300	90	3.0	#171 Local Uni	2	
0119.HD84937	20	07:50	09:48:54.9	+13:45:14	300	38	3.0	#56 Spectropho	2	
0120.HD84937	20	07:52	09:48:54.9	+13:45:14	300	38	3.0	#56 Spectropho	2	
0121.COMP	10	07:53	09:48:54.9	+13:45:14	300	38	3.0	#56 Spectropho	2	
0122.Feige34	180	07:56	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0123.Feige34	180	08:00	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0124.COMP	10	08:03	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0125.SN2008ai	1800	08:11	10:57:40.0	+37:39:42	300	90	3.0	#56 Spectropho	2	Couldnt see target at all and lost guide star a million times
0126.COMP	10	08:42	10:57:40.0	+37:39:42	300	90	3.0	#56 Spectropho	2	
0127.SN2007sw	1800	08:53	12:13:36.9	+46:29:36	300	90	3.0	#56 Spectropho	2	Couldnt see anything

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0128.COMP	10	09:24	12:13:36.9	+46:29:36	300	90	3.0	#56 Spectropho	2	
0129.fmfs345	700	09:30	12:56:12.2	-09:55:21	300	90	3.0	#171 Local Uni	2	
0130.COMP	10	09:43	12:56:12.2	-09:55:21	300	90	3.0	#171 Local Uni	2	
0131.fmfs346	700	09:45	12:56:18.0	-16:59:43	300	90	3.0	#171 Local Uni	2	
0132.COMP	10	09:58	12:56:18.0	-16:59:43	300	90	3.0	#171 Local Uni	2	
0133.fmfs347	1000	10:03	12:56:36.3	-10:01:01	300	90	3.0	#171 Local Uni	2	
0134.COMP	10	10:20	12:56:36.3	-10:01:01	300	90	3.0	#171 Local Uni	2	
0135.SN2008X1	1500	10:30	12:50:30.4	-10:52:01	300	15	3.0	#171 Local Uni	2	now this is a supernova spectrum
0136.COMP	10	10:56	12:50:30.4	-10:52:01	300	15	3.0	#171 Local Uni	2	adjusted focus slightly after comp - still shows 0.219 on encod
0137.fmfs419	700	11:06	14:07:59.0	-08:59:36	300	90	3.0	#171 Local Uni	2	
0138.COMP	10	11:18	14:07:59.0	-08:59:36	300	90	3.0	#171 Local Uni	2	
0139.fmfs420	600	11:21	14:07:59.7	-09:00:35	300	90	3.0	#171 Local Uni	2	
0140.COMP	10	11:32	14:07:59.7	-09:00:35	300	90	3.0	#171 Local Uni	2	
0141.fmfs421	450	11:35	14:08:01.0	-09:04:34	300	90	3.0	#171 Local Uni	2	
0142.COMP	10	11:43	14:08:01.0	-09:04:34	300	90	3.0	#171 Local Uni	2	
0143.fmfs422	700	11:48	14:08:03.4	-09:33:56	300	60	3.0	#171 Local Uni	2	
0144.COMP	10	12:00	14:08:03.4	-09:33:56	300	60	3.0	#171 Local Uni	2	
0145.fmfs423	600	12:05	14:08:07.2	-09:02:31	300	90	3.0	#171 Local Uni	2	
0146.COMP	10	12:15	14:08:07.2	-09:02:31	300	90	3.0	#171 Local Uni	2	
0147.SN2008an	1698	12:28	17:38:28.2	+61:02:14	300	50	3.0	#171 Local Uni	2	got kinda bright so stored -good spectra though

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0148.COMP	10	12:57	17:38:28.2	+61:02:14	300	50	3.0	#171 Local Uni	2	