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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.BIAS	0	1:28	20:06:40.0	41:06:15	600	90	2.0	#0 Calibration	4	x10
0002-0010.BIAS	0	1:29	20:06:40.0	41:06:15	600	90	2.0	#0 Calibration	4	
0011.FLAT	24	1:31	20:06:40.0	41:06:15	600	90	2.0	#0 Calibration	4	x10
0012-0020.FLAT	24	1:36	20:06:40.0	41:06:15	600	90	2.0	#0 Calibration	4	
0021-0023.SKY	3	2:09	10:30:0	31:30:0	600	90	2.0	#57 Velocity S	4	
0024.FineFoc	60	2:32	09:00:05.4	31:28:18	600	90	2.0	#57 Velocity S	1	windy, 2-3 arcsec seeing
0025.Feige34	160	2:53	10:36:41.2	43:21:50	600	90	2.0	#56 Spectropho	4	
0026.COMP	10	2:56	10:36:41.2	43:21:50	600	90	2.0	#56 Spectropho	4	
0027.hs2060	165	2:57	11:52:36.2	30:15:24	600	90	2.0	#122 Halo Star	4	
0028.COMP	10	3:00	11:52:36.2	30:15:24	600	90	2.0	#122 Halo Star	4	
0029.hs2054	210	3:01	11:51:30.5	35:52:57	600	90	2.0	#122 Halo Star	4	
0030.COMP	10	3:05	11:51:30.5	35:52:57	600	90	2.0	#122 Halo Star	4	
0031.hs2051	288	3:06	11:51:17.8	29:48:47	600	90	2.0	#122 Halo Star	4	
0032.COMP	10	3:11	11:51:17.8	29:48:47	600	90	2.0	#122 Halo Star	4	
0033.hs2051	240	3:11	11:51:17.8	29:48:47	600	90	2.0	#122 Halo Star	4	
0034.COMP	10	3:16	11:51:17.8	29:48:47	600	90	2.0	#122 Halo Star	4	
0035.hs2056	360	3:16	11:51:50.4	33:06:36	600	90	2.0	#122 Halo Star	4	
0036.COMP	10	3:23	11:51:50.4	33:06:36	600	90	2.0	#122 Halo Star	4	
0037.hs2066	360	3:23	11:53:20.1	25:04:37	600	90	2.0	#122 Halo Star	4	
0038.COMP	10	3:30	11:53:20.1	25:04:37	600	90	2.0	#122 Halo Star	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0039.hs2063	480	3:30	11:53:00.8	31:08:42	600	90	2.0	#122 Halo Star	4	
0040.COMP	10	3:39	11:53:00.8	31:08:42	600	90	2.0	#122 Halo Star	4	
0041.hs2067	600	3:39	11:53:28.1	34:34:11	600	90	2.0	#122 Halo Star	4	
0042.COMP	10	3:50	11:53:28.1	34:34:11	600	90	2.0	#122 Halo Star	4	
0043.hs2049	520	3:51	11:50:58.5	38:53:23	600	90	2.0	#122 Halo Star	4	
0044.COMP	10	4:00	11:50:58.5	38:53:23	600	90	2.0	#122 Halo Star	4	
0045.hs2046	480	4:00	11:50:09.6	39:27:53	600	90	2.0	#122 Halo Star	4	
0046.COMP	10	4:09	11:50:09.6	39:27:53	600	90	2.0	#122 Halo Star	4	
0047.hs2048	420	4:09	11:50:54.4	41:06:58	600	90	2.0	#122 Halo Star	4	
0048.COMP	10	4:17	11:50:54.4	41:06:58	600	90	2.0	#122 Halo Star	4	
0049.hs2044	600	4:18	11:49:48.5	48:14:06	600	90	2.0	#122 Halo Star	4	
0050.COMP	10	4:28	11:49:48.5	48:14:06	600	90	2.0	#122 Halo Star	4	
0051.hs2042	540	4:29	11:49:25.4	50:06:33	600	90	2.0	#122 Halo Star	4	
0052.COMP	10	4:38	11:49:25.4	50:06:33	600	90	2.0	#122 Halo Star	4	
0053.hs2041	600	4:39	11:49:00.5	53:16:07	600	90	2.0	#122 Halo Star	4	
0054.COMP	10	4:49	11:49:00.5	53:16:07	600	90	2.0	#122 Halo Star	4	
0055.hs2037	280	4:51	11:48:14.9	64:27:24	600	90	2.0	#122 Halo Star	4	
0056.COMP	10	4:56	11:48:14.9	64:27:24	600	90	2.0	#122 Halo Star	4	
0057.hs2029	360	4:57	11:47:07.0	73:54:16	600	90	2.0	#122 Halo Star	4	
0058.COMP	10	5:03	11:47:07.0	73:54:16	600	90	2.0	#122 Halo Star	4	

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0059.hs2082	580	5:04	11:55:09.7	78:41:04	600	90	2.0	#122 Halo Star	4	
0060.COMP	10	5:14	11:55:09.7	78:41:04	600	90	2.0	#122 Halo Star	4	
0061.hs2062	400	5:15	11:52:51.0	72:40:09	600	90	2.0	#122 Halo Star	4	
0062.COMP	10	5:22	11:52:51.0	72:40:09	600	90	2.0	#122 Halo Star	4	
0063.hs2078	180	5:23	11:54:58.8	69:55:20	600	90	2.0	#122 Halo Star	4	
0064.COMP	10	5:26	11:54:58.8	69:55:20	600	90	2.0	#122 Halo Star	4	
0065.hs2069	200	5:27	11:53:38.1	64:14:37	600	90	2.0	#122 Halo Star	4	
0066.COMP	10	5:31	11:53:38.1	64:14:37	600	90	2.0	#122 Halo Star	4	
0067.hs2071	170	5:32	11:53:53.0	69:02:06	600	90	2.0	#122 Halo Star	4	
0068.COMP	10	5:35	11:53:53.0	69:02:06	600	90	2.0	#122 Halo Star	4	
0069.hs2073	190	5:35	11:54:18.2	65:17:18	600	90	2.0	#122 Halo Star	4	
0070.COMP	10	5:39	11:54:18.2	65:17:18	600	90	2.0	#122 Halo Star	4	
0071.hs2077	480	5:40	11:54:43.7	54:10:26	600	90	2.0	#122 Halo Star	4	
0072.COMP	10	5:48	11:54:43.7	54:10:26	600	90	2.0	#122 Halo Star	4	
0073.hs2072	312	5:49	11:53:55.5	54:41:23	600	90	2.0	#122 Halo Star	4	
0074.COMP	10	5:54	11:53:55.5	54:41:23	600	90	2.0	#122 Halo Star	4	
0075.hs2074	450	5:56	11:54:20.0	8:17:50	600	90	2.0	#122 Halo Star	4	
0076.COMP	10	6:04	11:54:20.0	8:17:50	600	90	2.0	#122 Halo Star	4	
0077.hs2038	540	6:04	11:48:42.2	11:52:26	600	90	2.0	#122 Halo Star	4	
0078.COMP	10	6:14	11:48:42.2	11:52:26	600	90	2.0	#122 Halo Star	4	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0079.hs2053	560	6:15	11:51:28.2	11:56:27	600	90	2.0	#122 Halo Star	4	
0080.COMP	10	6:25	11:51:28.2	11:56:27	600	90	2.0	#122 Halo Star	4	
0081.hs2053	480	6:25	11:51:28.2	11:56:27	600	90	2.0	#122 Halo Star	4	
0082.COMP	10	6:34	11:51:28.2	11:56:27	600	90	2.0	#122 Halo Star	4	
0083.hs2065	540	6:34	11:53:16.0	13:12:42	600	90	2.0	#122 Halo Star	4	
0084.COMP	10	6:44	11:53:16.0	13:12:42	600	90	2.0	#122 Halo Star	4	
0085.hs2045	640	6:44	11:49:58.9	12:16:10	600	90	2.0	#122 Halo Star	4	
0086.COMP	10	6:55	11:49:58.9	12:16:10	600	90	2.0	#122 Halo Star	4	
0087.hs2039	200	6:56	11:48:43.4	13:37:39	600	90	2.0	#122 Halo Star	4	
0088.COMP	10	7:00	11:48:43.4	13:37:39	600	90	2.0	#122 Halo Star	4	
0089.hs2061	384	7:00	11:52:48.8	15:54:32	600	90	2.0	#122 Halo Star	4	
0090.COMP	10	7:07	11:52:48.8	15:54:32	600	90	2.0	#122 Halo Star	4	
0091.hs2064	318	7:08	11:53:13.7	16:43:56	600	90	2.0	#122 Halo Star	4	
0092.COMP	10	7:13	11:53:13.7	16:43:56	600	90	2.0	#122 Halo Star	4	
0093.hs2047	330	7:14	11:50:28.9	17:59:57	600	90	2.0	#122 Halo Star	4	
0094.COMP	10	7:20	11:50:28.9	17:59:57	600	90	2.0	#122 Halo Star	4	
0095.hs2052	420	7:20	11:51:18.2	17:30:48	600	90	2.0	#122 Halo Star	4	
0096.COMP	10	7:28	11:51:18.2	17:30:48	600	90	2.0	#122 Halo Star	4	
0097.hs2058	330	7:28	11:52:16.2	19:25:29	600	90	2.0	#122 Halo Star	4	
0098.COMP	10	7:34	11:52:16.2	19:25:29	600	90	2.0	#122 Halo Star	4	

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0099.hs2035	600	7:35	11:47:55.3	21:04:35	600	90	2.0	#122 Halo Star	4	
0100.COMP	10	7:45	11:47:55.3	21:04:35	600	90	2.0	#122 Halo Star	4	
0101.hs2068	540	7:46	11:53:34.6	46:00:14	600	90	2.0	#122 Halo Star	4	
0102.COMP	10	7:56	11:53:34.6	46:00:14	600	90	2.0	#122 Halo Star	4	
0103.hs2070	600	7:57	11:53:44.9	23:52:34	600	90	2.0	#122 Halo Star	4	
0104.COMP	10	8:07	11:53:44.9	23:52:34	600	90	2.0	#122 Halo Star	4	
0105.hs2040	330	8:08	11:48:48.0	25:55:22	600	90	2.0	#122 Halo Star	4	
0106.COMP	10	8:13	11:48:48.0	25:55:22	600	90	2.0	#122 Halo Star	4	
0107.hs2057	456	8:14	11:52:12.3	38:40:56	600	90	2.0	#122 Halo Star	4	
0108.COMP	10	8:22	11:52:12.3	38:40:56	600	90	2.0	#122 Halo Star	4	
0109.hs2075	402	8:23	11:54:20.5	45:07:52	600	90	2.0	#122 Halo Star	4	
0110.COMP	10	8:30	11:54:20.5	45:07:52	600	90	2.0	#122 Halo Star	4	
0111.hs2657	210	8:31	14:20:20.6	59:25:40	600	90	2.0	#122 Halo Star	4	
0112.COMP	10	8:35	14:20:20.6	59:25:40	600	90	2.0	#122 Halo Star	4	
0113.hs2654	420	8:36	14:19:53.8	56:39:20	600	90	2.0	#122 Halo Star	4	
0114.COMP	10	8:43	14:19:53.8	56:39:20	600	90	2.0	#122 Halo Star	4	
0115.hs2655	540	8:44	14:19:59.8	55:46:36	600	90	2.0	#122 Halo Star	4	
0116.COMP	10	8:54	14:19:59.8	55:46:36	600	90	2.0	#122 Halo Star	4	
0117.hs2656	240	8:54	14:20:09.9	49:47:22	600	90	2.0	#122 Halo Star	4	
0118.COMP	10	8:58	14:20:09.9	49:47:22	600	90	2.0	#122 Halo Star	4	

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0119.hs2727	210	9:00	15:02:19.8	74:43:37	600	90	2.0	#122 Halo Star	4	
0120.COMP	10	9:04	15:02:19.8	74:43:37	600	90	2.0	#122 Halo Star	4	
0121.hs2736	456	9:05	15:07:11.1	75:39:52	600	90	2.0	#122 Halo Star	4	
0122.COMP	10	9:13	15:07:11.1	75:39:52	600	90	2.0	#122 Halo Star	4	
0123.hs2737	260	9:14	15:07:16.7	71:19:56	600	90	2.0	#122 Halo Star	4	
0124.COMP	10	9:18	15:07:16.7	71:19:56	600	90	2.0	#122 Halo Star	4	
0125.hs2734	450	9:19	15:06:31.1	71:40:18	600	90	2.0	#122 Halo Star	4	
0126.COMP	10	9:27	15:06:31.1	71:40:18	600	90	2.0	#122 Halo Star	4	
0127.hs2735	420	9:28	15:07:03.5	70:43:55	600	90	2.0	#122 Halo Star	4	
0128.COMP	10	9:35	15:07:03.5	70:43:55	600	90	2.0	#122 Halo Star	4	
0129.hs2733	450	9:37	15:06:08.4	66:38:11	600	90	2.0	#122 Halo Star	4	
0130.COMP	10	9:45	15:06:08.4	66:38:11	600	90	2.0	#122 Halo Star	4	
0131.hs2728	240	9:46	15:02:54.5	69:33:27	600	90	2.0	#122 Halo Star	4	
0132.COMP	10	9:50	15:02:54.5	69:33:27	600	90	2.0	#122 Halo Star	4	
0133.hs2730	600	9:52	15:04:38.5	61:36:54	600	90	2.0	#122 Halo Star	4	
0134.COMP	10	10:03	15:04:37.9	+61:36:28	600	90	2.0	#122 Halo Star	4	TCS died, restarting system
0135.hs2731	204	10:04	15:05:22.0	63:04:30	600	90	2.0	#122 Halo Star	4	
0136.COMP	10	10:08	15:05:22.0	63:04:30	600	90	2.0	#122 Halo Star	4	
0137.hs2732	204	10:09	15:06:04.6	59:39:38	600	90	2.0	#122 Halo Star	4	
0138.COMP	10	10:13	15:06:04.6	59:39:38	600	90	2.0	#122 Halo Star	4	

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0139.hs2729	600	10:13	15:03:30.1	56:40:33	600	90	2.0	#122 Halo Star	4	
0140.COMP	10	10:24	15:03:30.1	56:40:33	600	90	2.0	#122 Halo Star	4	
0141.hs2738	260	10:24	15:09:55.3	68:02:53	600	90	2.0	#122 Halo Star	4	
0142.COMP	10	10:29	15:09:55.3	68:02:53	600	90	2.0	#122 Halo Star	4	
0143.hs2739	180	10:30	15:11:08.9	71:44:17	600	90	2.0	#122 Halo Star	4	
0144.COMP	10	10:33	15:11:08.9	71:44:17	600	90	2.0	#122 Halo Star	4	
0145.hs2740	528	10:34	15:13:00.9	56:20:34	600	90	2.0	#122 Halo Star	4	
0146.COMP	10	10:43	15:13:00.9	56:20:34	600	90	2.0	#122 Halo Star	4	
0147.hs2856	570	10:44	16:30:46.1	73:48:30	600	90	2.0	#122 Halo Star	4	
0148.COMP	10	10:54	16:30:46.1	73:48:30	600	90	2.0	#122 Halo Star	4	
0149.hs2857	594	10:55	16:30:47.0	69:33:09	600	90	2.0	#122 Halo Star	4	
0150.COMP	10	11:05	16:30:47.0	69:33:09	600	90	2.0	#122 Halo Star	4	
0151.hs2858	522	11:05	16:31:08.3	67:27:53	600	90	2.0	#122 Halo Star	4	
0152.COMP	10	11:14	16:31:08.3	67:27:53	600	90	2.0	#122 Halo Star	4	
0153.hs2855	606	11:15	16:30:12.8	64:39:59	600	90	2.0	#122 Halo Star	4	
0154.COMP	10	11:26	16:30:12.8	64:39:59	600	90	2.0	#122 Halo Star	4	
0155.hs2861	250	11:26	16:32:59.7	66:42:03	600	90	2.0	#122 Halo Star	4	
0156.COMP	10	11:31	16:32:59.7	66:42:03	600	90	2.0	#122 Halo Star	4	
0157.hs2860	330	11:32	16:31:57.5	67:32:27	600	90	2.0	#122 Halo Star	4	
0158.COMP	10	11:37	16:31:57.5	67:32:27	600	90	2.0	#122 Halo Star	4	

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0159.hs2859	310	11:38	16:31:24.4	62:10:59	600	90	2.0	#122 Halo Star	4	
0160.COMP	10	11:43	16:31:24.4	62:10:59	600	90	2.0	#122 Halo Star	4	
0161.hs2854	360	11:44	16:29:31.4	63:41:52	600	90	2.0	#122 Halo Star	4	
0162.COMP	10	11:50	16:29:31.4	63:41:52	600	90	2.0	#122 Halo Star	4	
0163.BDp404032	90	11:53	20:06:40.0	41:06:15	600	90	2.0	#56 Spectropho	4	
0164.COMP	10	11:55	20:06:40.0	41:06:15	600	90	2.0	#56 Spectropho	4	
0165.BDp332642	120	11:57	15:50:03.0	33:05:49	600	90	2.0	#56 Spectropho	4	
0166.COMP	10	11:59	15:50:03.0	33:05:49	600	90	2.0	#56 Spectropho	4	
0167.FLAT	24	12:03	15:50:03.0	33:05:49	600	90	2.0	#122 Halo Star	4	x10
0168-0176.FLAT	24	12:07	15:50:03.0	33:05:49	600	90	2.0	#122 Halo Star	4	
0177.BIAS	0	12:08	15:50:03.0	33:05:49	600	90	2.0	#122 Halo Star	4	x10
0178-0186.BIAS	0	12:09	15:50:03.0	33:05:49	600	90	2.0	#122 Halo Star	4	
0187-0196.DARK	900	14:27	15:50:03.0	33:05:49	600	90	2.0	#0 Calibration	4	