DATE : 06.11/07.11−2021
PROGRAMS : SRG accompanying: identification of distant X−ray quasars and other, Spectroscopy of giant LSB galaxies, SRG Accompanying: optical identification of the most massive distant
AUTHORS : Gilfanov, Gilfanov, Saburova, Burenin
OBSERVERS : Dodonov, Kotov
INSTRUMENT : SCORPIO−2
MODES : ImaSlit, Image, Spectra
DETECTOR : E2V CCD261−84
Tmirr : 7.1... 7.3
Tdome : 6.4... 9.2
Tatm : 5.3... 8.1
<Tmir−Tatm>: 0.6
WIND : 0.0... 3.6 m/s
PATH : s211106

FILE	OBJECT	TYPE	START	Texp	MODE	DISPERSER	SLIT	PHASE PLATES	FILTERS	MASK	RA_apparent	DEC_apparent	SEEING	Z	A	P2	Ptb	COMMENT
s19510101	slitpos	neon	17:35:19	1	ImaSlit		1.01		V		22:00:41.23	+26:32:23.5	1.3	25	−55	317.7	140.5	
s19510201	bias 1x2h/s	bias	17:38:59	0.0	ImaSlit		1.01		V		22:00:41.23	+26:32:23.5	1.3	25	−53	318.6	141.0	
s19510202	bias 1x2h/s	bias	17:40:08	0.0	ImaSlit		1.01		V		22:00:41.23	+26:32:23.5	1.3	25	−53	318.9	141.3	
s19510203	bias 1x2h/s	bias	17:41:18	0.0	ImaSlit		1.01		V		22:00:41.23	+26:32:23.5	1.3	24	−54	319.2	141.6	
s19510204	bias 1x2h/s	bias	17:42:27	0.0	ImaSlit		1.01		V		22:00:41.23	+26:32:23.5	1.3	24	−52	319.4	141.9	
s19510205	bias 1x2h/s	bias	17:43:37	0.0	ImaSlit		1.01		V		22:00:41.23	+26:32:23.5	1.3	24	−52	319.8	142.2	
s19510206	bias 1x2h/s	bias	17:44:47	0.0	ImaSlit		1.01		V		22:00:41.23	+26:32:23.5	1.3	24	−51	320.1	142.5	
s19510207	bias 1x2h/s	bias	17:45:57	0.0	ImaSlit		1.01		V		22:00:41.23	+26:32:23.5	1.3	24	−51	320.4	142.8	
s19510208	bias 1x2h/s	bias	17:47:07	0.0	ImaSlit		1.01		V		22:00:41.23	+26:32:23.5	1.3	24	−50	320.7	143.1	
s19510209	bias 1x2h/s	bias	17:48:17	0.0	ImaSlit		1.01		V		22:00:41.23	+26:32:23.5	1.3	23	−50	321.0	143.5	
s19510210	bias 1x2h/s	bias	17:49:27	0.0	ImaSlit		1.01		V		22:00:41.23	+26:32:23.5	1.3	23	−49	321.4	143.8	
s19510301	bd+25d4655	obj	17:59:21	1	Image		1.01		R		22:00:41.23	+26:32:23.5	1.3	22	−45	324.4	134.5	
s19510302	bd+25d4655	obj	18:01:00	1	Image		1.01		R		22:00:41.23	+26:32:23.5	1.3	22	−44	324.9	135.1	
s19510303	bd+25d4655	obj	18:02:19	1	Image		1.01		R		22:00:40.39	+26:32:14.8	1.3	21	−43	325.4	135.6	
s19510304	bd+25d4655	obj	18:03:30	1	Image		1.01		R		22:00:40.35	+26:32:14.3	1.3	21	−44	325.8	136.0	
s19510305	bd+25d4655	obj	18:05:19	10	Spectra	VPHG1200@540	1.01				22:00:40.34	+26:32:14.7	1.3	21	−42	326.5	136.6	
s19510306	bd+25d4655	obj	18:06:11	10	Spectra	VPHG1200@540	1.01				22:00:40.34	+26:32:14.9	1.3	21	−41	326.8	136.9	
s19510307	bd+25d4655	neon	18:07:18	30	Spectra	VPHG1200@540	1.01				22:00:40.34	+26:32:14.9	1.3	21	−41	327.2	137.3	
s19510308	bd+25d4655	flat	18:08:26	20	Spectra	VPHG1200@540	1.01				22:00:40.34	+26:32:14.9	1.3	21	−40	327.6	137.8	
s19510309	bd+25d4655	flat	18:09:21	20	Spectra	VPHG1200@540	1.01				22:00:40.34	+26:32:14.9	1.3	21	−41	328.0	138.1	
s19510310	bd+25d4655	obj	18:10:31	5	Spectra	VPHG1200@540	7.01				22:00:40.34	+26:32:14.9	1.3	20	−39	328.4	138.5	
s19510311	bd+25d4655	obj	18:11:04	5	Spectra	VPHG1200@540	7.01				22:00:40.36	+26:32:15.4	1.3	20	−39	328.6	138.8	
s19510312	bd+25d4655	obj	18:13:14	10	Spectra	VPHG1026@735	1.01				22:00:40.38	+26:32:15.6	1.3	20	−37	329.5	139.6	
s19510313	bd+25d4655	obj	18:14:06	10	Spectra	VPHG1026@735	1.01				22:00:40.39	+26:32:15.7	1.3	20	−37	329.8	140.0	
s19510314	bd+25d4655	neon	18:15:33	30	Spectra	VPHG1026@735	1.01				22:00:40.39	+26:32:14.7	1.3	20	−36	330.4	140.6	
s19510315	bd+25d4655	flat	18:16:48	20	Spectra	VPHG1026@735	1.01				22:00:40.39	+26:32:14.7	1.3	20	−35	330.9	141.1	
s19510316	bd+25d4655	flat	18:17:34	20	Spectra	VPHG1026@735	1.01				22:00:40.39	+26:32:14.7	1.3	20	−35	331.2	141.4	
s19510317	bd+25d4655	obj	18:18:45	5	Spectra	VPHG1026@735	7.01				22:00:40.36	+26:32:14.7	1.3	20	−34	331.8	141.9	
s19510318	bd+25d4655	obj	18:20:43	10	Spectra	VPHG940@600	1.01				22:00:40.31	+26:32:14.6	1.3	19	−33	332.6	142.8	
s19510319	bd+25d4655	obj	18:21:35	10	Spectra	VPHG940@600	1.01				22:00:40.33	+26:32:14.2	1.3	19	−33	333.0	143.1	
s19510320	bd+25d4655	neon	18:22:48	30	Spectra	VPHG940@600	1.01				22:00:40.33	+26:32:14.3	1.3	19	−32	333.5	143.7	
s19510321	bd+25d4655	flat	18:23:57	15	Spectra	VPHG940@600	1.01				22:00:40.33	+26:32:14.3	1.3	19	−31	334.0	144.2	
s19510322	bd+25d4655	flat	18:24:39	15	Spectra	VPHG940@600	1.01				22:00:40.33	+26:32:14.3	1.3	19	−31	334.4	144.5	
s19510323	bd+25d4655	obj	18:25:40	5	Spectra	VPHG940@600	7.01				22:00:40.33	+26:32:14.3	1.3	19	−30	334.8	145.0	
s19510324	bd+25d4655	obj	18:27:13	5	Spectra	VPHG940@600	7.01				22:00:40.33	+26:32:14.3	1.3	19	−29	335.6	145.7	
s19510401	SDSSj2212+0505	obj	18:31:31	10	Image		1.01		R		22:13:16.73	+05:11:57.4	1.3	40	−19	345.4	173.3	

s19510402	SDSSj2212+0505	obj	18:33:03	10	Image		1.01			R		22:13:16.16	+05:11:45.1	1.3	39	−18	345.8	173.7	
s19510403	SDSSj2212+0505	obj	18:34:59	10	Image		1.01			R		22:13:16.16	+05:11:45.0	1.3	39	−17	346.4	174.2	
s19510404	SDSSj2212+0505	obj	18:37:07	900	Spectra	VPHG1026@735	1.01					22:13:16.16	+05:11:45.1	1.3	39	−17	346.9	174.8	= object on grism blick, c
s19510405	SDSSj2212+0505	obj	18:55:50	900	Spectra	VPHG1026@735	1.01					22:13:18.15	+05:11:24.4	1.3	38	−9	352.1	180.0	
s19510406	SDSSj2212+0505	obj	19:11:25	900	Spectra	VPHG1026@735	1.01					22:13:18.16	+05:11:24.7	1.3	38	−3	356.6	184.5	
s19510407	SDSSj2212+0505	neon	19:27:04	30	Spectra	VPHG1026@735	1.01					22:13:18.15	+05:11:24.7	1.3	38	1	1.1	189.0	
s19510408	SDSSj2212+0505	flat	19:28:08	20	Spectra	VPHG1026@735	1.01				13 dots	22:13:18.15	+05:11:24.7	1.3	38	2	1.4	189.3	
s19510409	SDSSj2212+0505	flat	19:29:04	20	Spectra	VPHG1026@735	1.01					22:13:18.15	+05:11:24.7	1.3	38	2	1.7	189.6	
s19510410	SDSSj2212+0505	flat	19:29:42	20	Spectra	VPHG1026@735	1.01					22:13:18.15	+05:11:24.7	1.3	38	2	1.9	189.8	
s19510411	SDSSj2212+0505	obj	19:30:48	900	Spectra	VPHG1026@735	1.01					22:13:18.15	+05:11:24.7	1.3	38	3	2.2	190.1	
s19510412	SDSSj2212+0505	obj	19:48:13	900	Spectra	VPHG1026@735	1.01					22:13:18.15	+05:11:23.9	1.3	38	10	7.3	195.1	
s19510413	SDSSj2212+0505	obj	20:03:43	900	Spectra	VPHG1026@735	1.01					22:13:18.14	+05:11:23.5	1.3	39	16	11.6	199.5	
s19510414	SDSSj2212+0505	obj	20:20:51	900	Spectra	VPHG1026@735	1.01					22:13:18.11	+05:11:22.8	1.3	40	22	16.2	204.0	
s19510415	SDSSj2212+0505	obj	20:36:19	900	Spectra	VPHG1026@735	1.01					22:13:18.08	+05:11:21.7	1.3	41	28	20.0	207.9	
s19510416	SDSSj2212+0505	obj	20:55:43	900	Spectra	VPHG1026@735	1.01					22:13:18.04	+05:11:21.0	1.3	43	34	24.4	212.3	
s19510417	SDSSj2212+0505	obj	21:14:34	900	Spectra	VPHG1026@735	1.01					22:13:17.97	+05:11:20.6	1.3	45	40	28.3	216.2	
s19510418	SDSSj2212+0505	neon	21:32:43	30	Spectra	VPHG1026@735	1.01					22:13:17.88	+05:11:19.3	1.3	47	46	31.6	219.5	
s19510419	SDSSj2212+0505	obj	21:34:07	900	Spectra	VPHG1026@735	1.01					22:13:17.88	+05:11:19.3	1.3	48	46	31.8	219.7	
s19510420	SDSSj2212+0505	obj	21:49:35	900	Spectra	VPHG1026@735	1.01					22:13:17.81	+05:11:18.8	1.3	50	50	34.3	222.1	
s19510421	SDSSj2212+0505	obj	22:05:03	900	Spectra	VPHG1026@735	1.01					22:13:17.78	+05:11:18.7	1.3	52	54	36.4	224.3	
s19510422	SDSSj2212+0505	obj	22:24:38	900	Spectra	VPHG1026@735	1.01					22:13:17.69	+05:11:19.5	1.3	55	59	38.8	226.7	
s19510423	SDSSj2212+0505	obj	22:40:06	900	Spectra	VPHG1026@735	1.01					22:13:17.64	+05:11:19.2	1.3	57	63	40.4	228.3	
s19510424	SDSSj2212+0505	obj	22:55:34	900	Spectra	VPHG1026@735	1.01					22:13:17.64	+05:11:19.0	1.3	60	66	41.8	229.7	
s19510425	SDSSj2212+0505	obj	23:18:45	900	Spectra	VPHG1026@735	1.01					22:13:17.61	+05:11:19.9	1.3	64	71	43.5	231.4	
s19510426	SDSSj2212+0505	obj	23:34:12	900	Spectra	VPHG1026@735	1.01					22:13:17.55	+05:11:19.0	1.3	66	74	44.4	232.3	
s19510427	SDSSj2212+0505	obj	23:52:49	900	Spectra	VPHG1026@735	1.01					22:13:17.55	+05:11:19.1	1.3	70	77	45.3	233.2	
s19510428	SDSSj2212+0505	neon	00:09:14	30	Spectra	VPHG1026@735	1.01					22:13:17.56	+05:11:17.6	1.3	73	80	45.8	233.7	
s19510429	SDSSj2212+0505	flat	00:10:20	20	Spectra	VPHG1026@735	1.01				13 dots	22:13:17.56	+05:11:17.6	1.3	73	81	45.9	233.7	
s19510430	SDSSj2212+0505	flat	00:11:52	20	Spectra	VPHG1026@735	1.01					22:13:17.56	+05:11:17.6	1.3	73	81	45.9	233.7	
s19510431	SDSSj2212+0505	flat	00:12:29	20	Spectra	VPHG1026@735	1.01					22:13:17.56	+05:11:17.6	1.3	73	81	45.9	233.7	
s19510501	FD3SRGe0237+0933	obj	00:22:28	10	Image		1.01			R		02:38:20.57	+09:39:33.9	1.3	34	15	11.1	312.4	
s19510502	FD3SRGe0237+0933	obj	00:23:19	10	Image		1.01			R		02:38:20.14	+09:39:35.2	1.3	34	15	11.4	312.6	
s19510503	FD3SRGe0237+0933	obj	00:24:52	10	Image		1.01			R		02:38:20.09	+09:39:35.3	1.3	34	16	11.9	313.1	
s19510504	FD3SRGe0237+0933	obj	00:27:45	600	Spectra	VPHG940@600	1.01					02:38:20.06	+09:39:35.3	1.5	35	17	12.7	314.0	
s19510505	FD3SRGe0237+0933	obj	00:38:35	600	Spectra	VPHG940@600	1.01					02:38:19.92	+09:39:24.0	1.5	35	21	15.9	317.2	
s19510506	FD3SRGe0237+0933	obj	00:49:50	600	Spectra	VPHG940@600	1.01					02:38:20.06	+09:39:33.6	1.5	36	26	19.1	320.3	
s19510507	FD3SRGe0237+0933	obj	01:00:35	600	Spectra	VPHG940@600	1.01					02:38:19.90	+09:39:22.0	1.5	37	30	21.9	323.2	
s19510508	FD3SRGe0237+0933	neon	01:11:10	30	Spectra	VPHG940@600	1.01					02:38:19.92	+09:39:22.0	1.5	38	34	24.6	325.8	
s19510509	FD3SRGe0237+0933	flat	01:12:11	15	Spectra	VPHG940@600	1.01				13 dots	02:38:19.92	+09:39:22.0	1.5	38	34	24.8	326.0	
s19510510	FD3SRGe0237+0933	flat	01:12:56	15	Spectra	VPHG940@600	1.01					02:38:19.92	+09:39:22.0	1.5	38	35	25.0	326.2	
s19510511	FD3SRGe0237+0933	flat	01:13:28	15	Spectra	VPHG940@600	1.01					03:25:56.15	+11:44:33.2	1.5	32	17	12.9	326.2	
s19510601	cl0324+1139	obj	01:16:37	20	Image		1.01			R		03:25:56.15	+11:44:33.2	1.5	33	18	13.9	212.2	
s19510602	cl0324+1139	obj	01:18:18	20	Image		1.01			R		03:25:55.82	+11:44:22.4	1.5	33	19	14.4	212.7	
s19510603	cl0324+1139	obj	01:19:38	900	Spectra	VPHG940@600	1.01					03:25:55.83	+11:44:22.2	1.5	33	20	14.8	213.1	
s19510604	cl0324+1139	obj	01:36:32	900	Spectra	VPHG940@600	1.01					03:25:54.52	+11:44:29.8	1.5	34	27	19.8	218.1	
s19510605	cl0324+1139	obj	01:55:42	900	Spectra	VPHG940@600	1.01					03:25:55.90	+11:44:20.3	1.5	36	34	25.0	223.3	
s19510606	cl0324+1139	obj	02:11:13	900	Spectra	VPHG940@600	1.01					03:25:54.50	+11:44:28.3	1.5	38	40	28.7	227.0	
s19510607	cl0324+1139	neon	02:26:56	30	Spectra	VPHG940@600	1.01					03:25:54.52	+11:44:27.8	1.5	40	45	32.0	230.3	
s19510608	cl0324+1139	flat	02:27:50	15	Spectra	VPHG940@600	1.01				13 dots	03:25:54.52	+11:44:27.8	1.5	40	46	32.1	230.4	
s19510609	cl0324+1139	flat	02:28:23	15	Spectra	VPHG940@600	1.01					03:25:54.52	+11:44:27.8	1.5	40	46	32.2	230.5	

s19510610	cl0324+1139	flat	02:28:57	15	Spectra	VPHG940@600	1.01				06:28:23.22	+71:15:19.1	1.5	28	191	206.1	230.6
s19510701	cl0625+7116	obj	02:35:04	20	Image		1.01		R		06:28:23.22	+71:15:19.1	1.5	28	190	203.8	257.2
s19510702	cl0625+7116	obj	02:38:21	20	Image		1.01		R		06:28:23.12	+71:15:20.6	1.5	28	189	202.6	256.0
s19510703	cl0625+7116	obj	02:39:44	900	Spectra	VPHG940@600	1.01				06:28:23.13	+71:15:20.7	1.2	28	189	202.1	255.5
s19510704	cl0625+7116	obj	02:56:49	900	Spectra	VPHG940@600	1.01				06:28:24.62	+71:15:21.6	1.2	28	186	195.6	249.0
s19510705	cl0625+7116	obj	03:13:28	900	Spectra	VPHG940@600	1.01				06:28:23.26	+71:15:20.4	1.2	27	184	189.1	242.6
s19510706	cl0625+7116	obj	03:29:29	900	Spectra	VPHG940@600	1.01				06:28:24.91	+71:15:21.7	1.2	27	181	182.9	236.3
s19510707	cl0625+7116	obj	03:45:43	900	Spectra	VPHG940@600	1.01				06:28:23.47	+71:15:20.7	1.2	27	178	176.5	230.0
s19510708	cl0625+7116	obj	04:01:36	900	Spectra	VPHG940@600	1.01				06:28:25.00	+71:15:22.2	1.2	27	175	170.4	223.8
s19510709	cl0625+7116	neon	04:17:31	30	Spectra	VPHG940@600	1.01				06:28:25.07	+71:15:22.4	1.2	28	173	164.2	217.7
s19510710	cl0625+7116	flat	04:18:35	15	Spectra	VPHG940@600	1.01			13 dots	06:28:25.07	+71:15:22.4	1.2	28	172	163.8	217.6
s19510711	cl0625+7116	flat	04:19:11	15	Spectra	VPHG940@600	1.01				06:28:25.07	+71:15:22.4	1.2	28	172	163.6	217.6
s19510712	cl0625+7116	flat	04:19:44	15	Spectra	VPHG940@600	1.01				12:52:14.22	+72:16:35.4	1.2	47	204	282.0	211.0
s19510801	SRGeJ1251+7223	obj	04:21:50	5	Image		1.01		R		12:52:14.22	+72:16:35.4	1.2	47	204	281.5	133.3
s19510802	SRGeJ1251+7223	obj	04:22:38	5	Image		1.01		R		12:52:13.93	+72:16:28.4	1.2	47	204	281.3	133.1
s19510803	SRGeJ1251+7223	obj	04:23:49	5	Image		1.01		R		12:52:13.99	+72:16:29.1	1.2	47	204	281.0	132.9
s19510804	SRGeJ1251+7223	obj	04:24:52	300	Spectra	VPHG940@600	1.01				12:52:14.00	+72:16:29.2	1.2	47	204	280.8	132.6
s19510805	SRGeJ1251+7223	obj	04:31:15	300	Spectra	VPHG940@600	1.01				12:52:17.10	+72:16:26.8	1.2	46	204	279.4	131.2
s19510806	SRGeJ1251+7223	obj	04:36:48	300	Spectra	VPHG940@600	1.01				12:52:13.99	+72:16:29.8	1.2	46	204	278.1	129.9
s19510807	SRGeJ1251+7223	obj	04:42:39	300	Spectra	VPHG940@600	1.01				12:52:17.24	+72:16:26.9	1.2	45	204	276.8	128.6
s19510808	SRGeJ1251+7223	neon	04:48:11	30	Spectra	VPHG940@600	1.01				12:52:17.07	+72:16:27.4	1.2	45	204	275.5	127.3
s19510809	SRGeJ1251+7223	flat	04:49:02	15	Spectra	VPHG940@600	1.01			13 dots	12:52:17.07	+72:16:27.4	1.2	45	204	275.3	127.1
s19510810	SRGeJ1251+7223	flat	04:49:38	15	Spectra	VPHG940@600	1.01				12:52:17.07	+72:16:27.4	1.2	45	204	275.2	127.0
s19510811	SRGeJ1251+7223	flat	04:50:10	15	Spectra	VPHG940@600	1.01				12:52:17.07	+72:16:27.4	1.2	45	204	275.0	126.8
s19510901	G191B2B	obj	04:56:32	1	Image		1.01		R		05:07:15.58	+52:51:35.5	1.2	27	123	92.9	131.4
s19510902	G191B2B	obj	04:59:50	30	Spectra	VPHG940@600	1.01				05:07:15.45	+52:51:35.9	1.2	28	123	92.2	130.7
s19510903	G191B2B	obj	05:00:48	30	Spectra	VPHG940@600	1.01				05:07:15.47	+52:51:35.9	1.2	28	123	92.0	130.5
s19510904	G191B2B	obj	05:01:45	30	Spectra	VPHG940@600	1.01				05:07:15.49	+52:51:35.9	1.2	28	123	91.8	130.3
s19510905	G191B2B	neon	05:02:56	30	Spectra	VPHG940@600	1.01				05:07:15.44	+52:51:36.0	1.2	28	123	91.5	130.1
s19510906	G191B2B	flat	05:03:50	15	Spectra	VPHG940@600	1.01				05:07:15.44	+52:51:36.0	1.2	28	123	91.3	129.9
s19510907	G191B2B	flat	05:04:22	15	Spectra	VPHG940@600	1.01				05:07:15.44	+52:51:36.0	1.2	29	123	91.2	129.8
s19510908	G191B2B	obj	05:05:30	15	Spectra	VPHG940@600	7.01				05:07:15.44	+52:51:36.0	1.2	29	123	91.0	129.5
s19510909	G191B2B	obj	05:06:13	15	Spectra	VPHG940@600	7.01				05:07:15.47	+52:51:36.0	1.2	29	123	90.8	129.4
s19510910	G191B2B	obj	05:06:56	15	Spectra	VPHG940@600	7.01				05:07:15.45	+52:51:36.1	1.2	29	123	90.7	129.2
s19510911	G191B2B	obj	05:09:25	40	Spectra	VPHG1026@735	1.01				05:07:15.42	+52:51:36.2	1.2	29	123	90.2	128.7
s19510912	G191B2B	obj	05:10:32	40	Spectra	VPHG1026@735	1.01				05:07:15.43	+52:51:36.2	1.2	29	123	90.0	128.5
s19510913	G191B2B	obj	05:11:40	40	Spectra	VPHG1026@735	1.01				05:07:15.43	+52:51:36.2	1.2	30	123	89.8	128.3
s19510914	G191B2B	neon	05:13:24	30	Spectra	VPHG1026@735	1.01				05:07:15.33	+52:51:36.3	1.2	30	123	89.4	127.9
s19510915	G191B2B	flat	05:14:27	20	Spectra	VPHG1026@735	1.01				05:07:15.33	+52:51:36.3	1.2	30	123	89.2	127.7
s19510916	G191B2B	flat	05:15:04	20	Spectra	VPHG1026@735	1.01				05:07:15.33	+52:51:36.3	1.2	30	123	89.1	127.6
s19510917	G191B2B	obj	05:16:01	30	Spectra	VPHG1026@735	7.01				05:07:15.33	+52:51:36.3	1.2	30	123	88.9	127.4
s19510918	G191B2B	obj	05:16:58	30	Spectra	VPHG1026@735	7.01				05:07:15.31	+52:51:36.3	1.2	30	123	88.7	127.2
s19510919	G191B2B	obj	05:17:56	30	Spectra	VPHG1026@735	7.01				05:07:15.30	+52:51:36.3	1.2	31	123	88.5	127.1
s19511001	Bias1x2h/n	bias	05:21:26	0.0	Spectra	VPHG1026@735	7.01				05:07:15.27	+52:51:36.4	1.2	31	123	87.9	126.4
s19511002	Bias1x2h/n	bias	05:22:04	0.0	Spectra	VPHG1026@735	7.01				05:07:15.24	+52:51:36.4	1.2	31	123	87.7	126.3
s19511003	Bias1x2h/n	bias	05:22:31	0.0	Spectra	VPHG1026@735	7.01				05:07:15.24	+52:51:36.4	1.2	31	123	87.6	126.2
s19511004	Bias1x2h/n	bias	05:22:58	0.0	Spectra	VPHG1026@735	7.01				05:07:15.26	+52:51:36.4	1.2	31	123	87.6	126.1
s19511005	Bias1x2h/n	bias	05:23:26	0.0	Spectra	VPHG1026@735	7.01				05:07:15.26	+52:51:36.4	1.2	31	123	87.5	126.0
s19511006	Bias1x2h/n	bias	05:23:54	0.0	Spectra	VPHG1026@735	7.01				05:07:15.26	+52:51:36.4	1.2	32	123	87.4	125.9
s19511007	Bias1x2h/n	bias	05:24:21	0.0	Spectra	VPHG1026@735	7.01				05:07:15.28	+52:51:36.5	1.2	32	123	87.3	125.8

s19511008	Bias1x2h/n	bias	05:24:48	0.0	Spectra	VPHG1026@735	7.01				05:07:15.30	+52:51:36.5	1.2	32	123	87.2	125.8
s19511009	Bias1x2h/n	bias	05:25:16	0.0	Spectra	VPHG1026@735	7.01				05:07:15.30	+52:51:36.5	1.2	32	123	87.1	125.7
s19511010	Bias1x2h/n	bias	05:25:44	0.0	Spectra	VPHG1026@735	7.01				05:07:15.27	+52:51:36.5	1.2	32	123	87.0	125.6
s19511011	Bias1x2h/n	bias	05:26:13	0.0	Spectra	VPHG1026@735	7.01				05:07:15.23	+52:51:36.4	1.2	32	123	86.9	125.5
s19511012	Bias1x2h/n	bias	05:26:40	0.0	Spectra	VPHG1026@735	7.01				05:07:15.21	+52:51:36.5	1.2	32	123	86.9	125.4
s19511013	Bias1x2h/n	bias	05:27:08	0.0	Spectra	VPHG1026@735	7.01				05:07:15.20	+52:51:36.4	1.2	32	123	86.8	125.3
s19511014	Bias1x2h/n	bias	05:27:36	0.0	Spectra	VPHG1026@735	7.01				05:07:15.21	+52:51:36.3	1.2	32	123	86.7	125.2
s19511015	Bias1x2h/n	bias	05:28:03	0.0	Spectra	VPHG1026@735	7.01				05:07:15.20	+52:51:36.2	1.2	32	123	86.6	125.1
s19511016	Bias1x2h/n	bias	05:28:31	0.0	Spectra	VPHG1026@735	7.01				05:07:15.20	+52:51:36.4	1.2	32	123	86.5	125.1
s19511017	Bias1x2h/n	bias	05:28:58	0.0	Spectra	VPHG1026@735	7.01				05:07:15.20	+52:51:36.4	1.2	32	123	86.4	125.0
s19511018	Bias1x2h/n	bias	05:29:26	0.0	Spectra	VPHG1026@735	7.01				05:07:15.22	+52:51:36.3	1.2	32	123	86.3	124.9
s19511019	Bias1x2h/n	bias	05:29:54	0.0	Spectra	VPHG1026@735	7.01				05:07:15.22	+52:51:36.3	1.2	32	123	86.3	124.8
s19511020	Bias1x2h/n	bias	05:30:22	0.0	Spectra	VPHG1026@735	7.01				05:07:15.20	+52:51:36.3	1.2	32	123	86.2	124.7
s19511021	Bias2x2l/n	bias	05:31:40	0.0	Spectra	VPHG1026@735	7.01				05:07:15.17	+52:51:36.4	1.2	33	123	85.9	124.5
s19511022	Bias2x2l/n	bias	05:31:53	0.0	Spectra	VPHG1026@735	7.01				05:07:15.17	+52:51:36.4	1.2	33	123	85.9	124.4
s19511023	Bias2x2l/n	bias	05:32:07	0.0	Spectra	VPHG1026@735	7.01				05:07:15.17	+52:51:36.4	1.2	33	123	85.9	124.4
s19511024	Bias2x2l/n	bias	05:32:21	0.0	Spectra	VPHG1026@735	7.01				05:07:15.17	+52:51:36.4	1.2	33	123	85.8	124.4
s19511025	Bias2x2l/n	bias	05:32:34	0.0	Spectra	VPHG1026@735	7.01				05:07:15.17	+52:51:36.4	1.2	33	123	85.8	124.3
s19511026	Bias2x2l/n	bias	05:32:48	0.0	Spectra	VPHG1026@735	7.01				05:07:15.17	+52:51:36.4	1.2	33	123	85.7	124.3
s19511027	Bias2x2l/n	bias	05:33:02	0.0	Spectra	VPHG1026@735	7.01				05:07:15.17	+52:51:36.4	1.2	33	123	85.7	124.2
s19511028	Bias2x2l/n	bias	05:33:16	0.0	Spectra	VPHG1026@735	7.01				05:07:15.17	+52:51:36.4	1.2	33	123	85.6	124.2
s19511029	Bias2x2l/n	bias	05:33:30	0.0	Spectra	VPHG1026@735	7.01				05:07:15.17	+52:51:36.4	1.2	33	123	85.6	124.1
s19511030	Bias2x2l/n	bias	05:33:44	0.0	Spectra	VPHG1026@735	7.01				05:07:15.17	+52:51:36.4	1.2	33	123	85.6	124.1
s19511031	Bias2x2l/n	bias	05:33:57	0.0	Spectra	VPHG1026@735	7.01				05:07:15.17	+52:51:36.4	1.2	33	123	85.5	124.1
s19511032	Bias2x2l/n	bias	05:34:11	0.0	Spectra	VPHG1026@735	7.01				05:07:15.17	+52:51:36.4	1.2	33	123	85.5	124.0
s19511033	Bias2x2l/n	bias	05:34:24	0.0	Spectra	VPHG1026@735	7.01				05:07:15.17	+52:51:36.4	1.2	33	123	85.4	124.0
s19511034	Bias2x2l/n	bias	05:34:38	0.0	Spectra	VPHG1026@735	7.01				05:07:15.17	+52:51:36.4	1.2	33	123	85.4	123.9
s19511035	Bias2x2l/n	bias	05:34:53	0.0	Spectra	VPHG1026@735	7.01				05:07:15.17	+52:51:36.4	1.2	33	123	85.4	123.9
s19511036	Bias2x2l/n	bias	05:35:07	0.0	Spectra	VPHG1026@735	7.01				05:07:15.17	+52:51:36.4	1.2	33	123	85.3	123.8
s19511037	Bias2x2l/n	bias	05:35:20	0.0	Spectra	VPHG1026@735	7.01				05:07:15.17	+52:51:36.4	1.2	33	123	85.3	123.8
s19511038	Bias2x2l/n	bias	05:35:33	0.0	Spectra	VPHG1026@735	7.01				05:07:15.17	+52:51:36.4	1.2	33	123	85.2	123.8
s19511039	Bias2x2l/n	bias	05:35:46	0.0	Spectra	VPHG1026@735	7.01				05:07:15.17	+52:51:36.4	1.2	33	123	85.2	123.7
s19511040	Bias2x2l/n	bias	05:36:00	0.0	Spectra	VPHG1026@735	7.01				05:07:15.17	+52:51:36.4	1.2	33	123	85.1	123.7