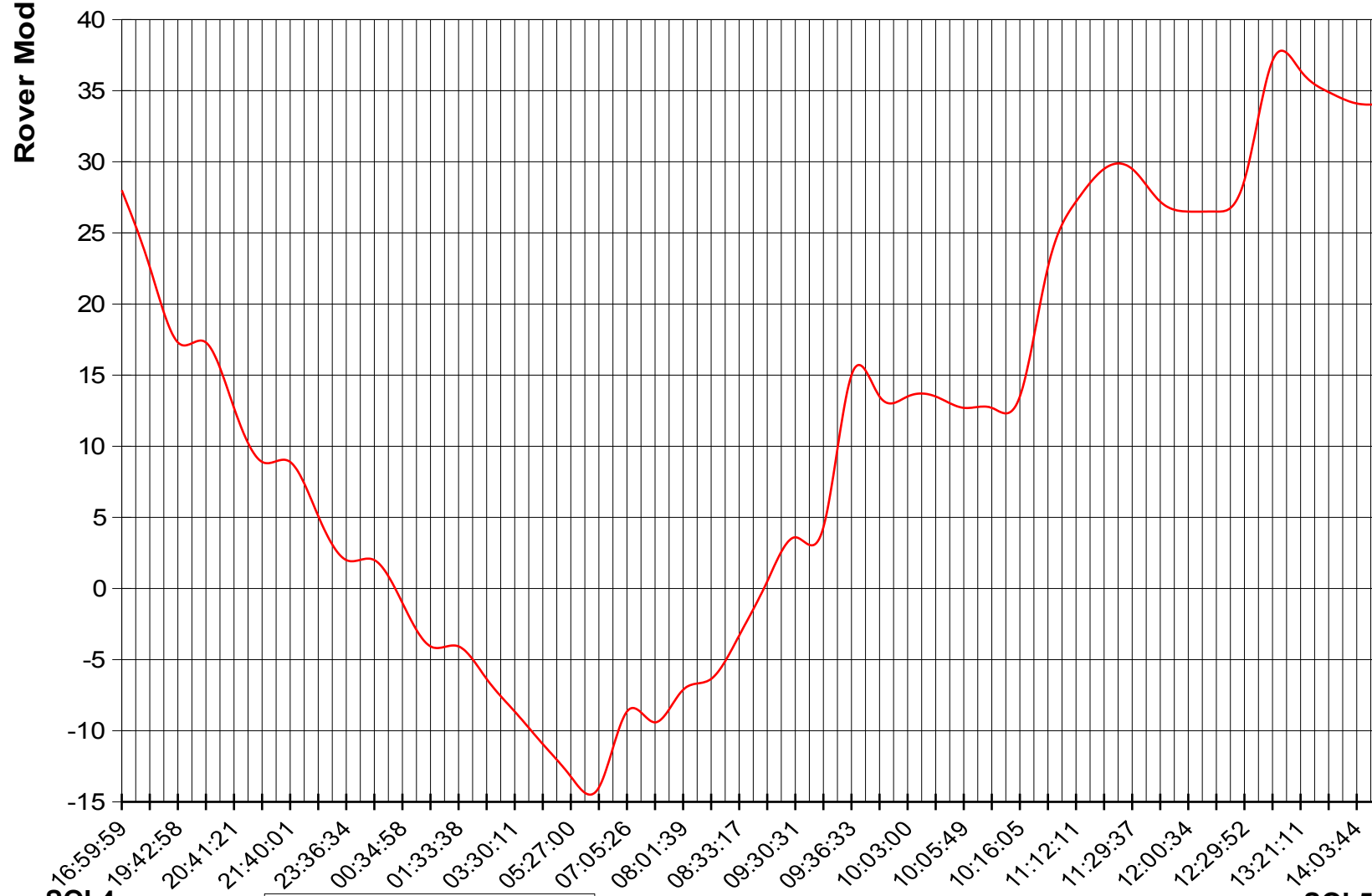


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Mars Pathfinder Rover Telecom SOL5



SOL4

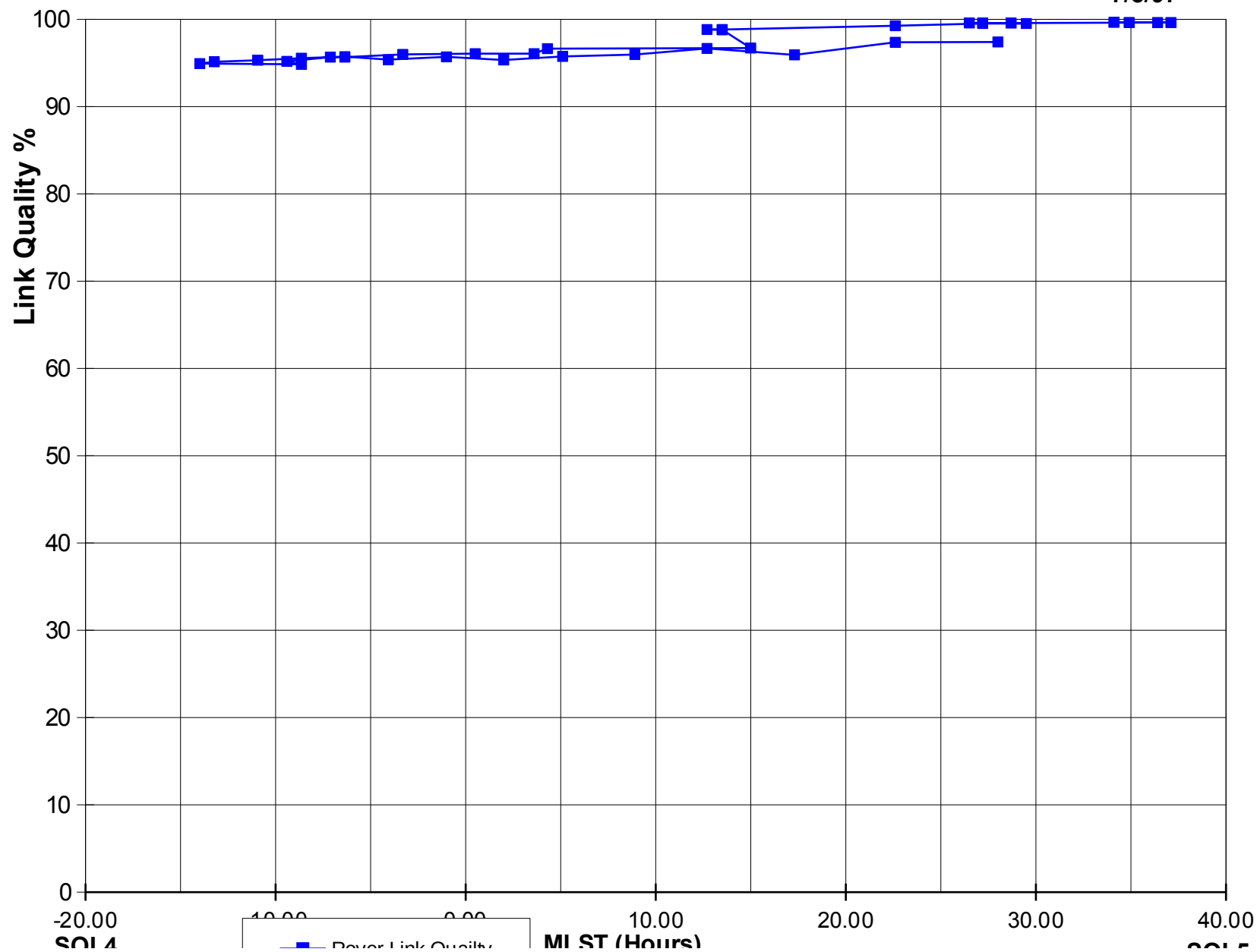
— Rover Modem Temp

MLST (Hours)

SOL5

Mars Pathfinder Rover Telecom SOL5

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SOL4

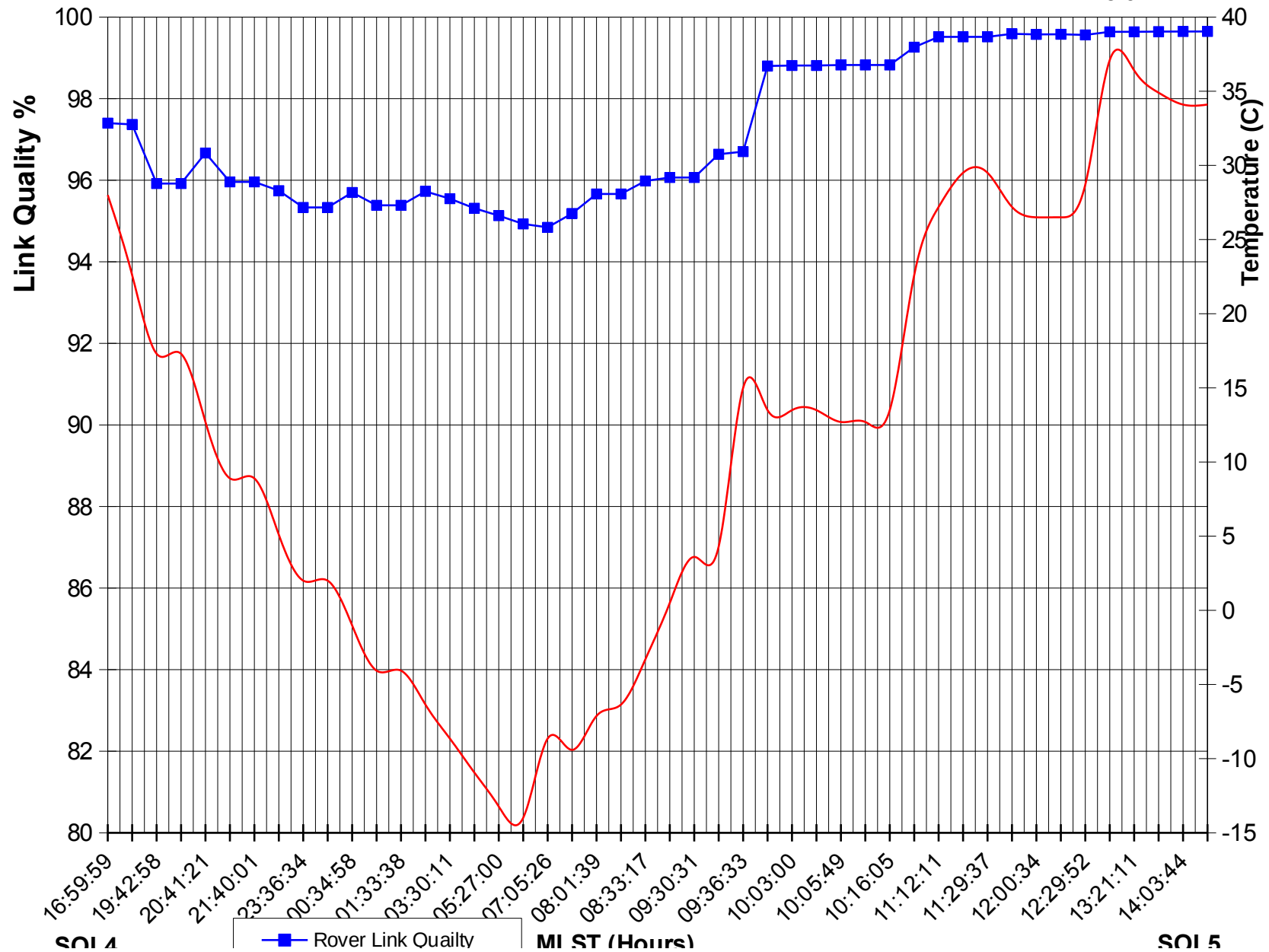
ROVER LINK Quality

MEET (100%)

SOL5

Mars Pathfinder Rover Telecom SOL5

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SOLE

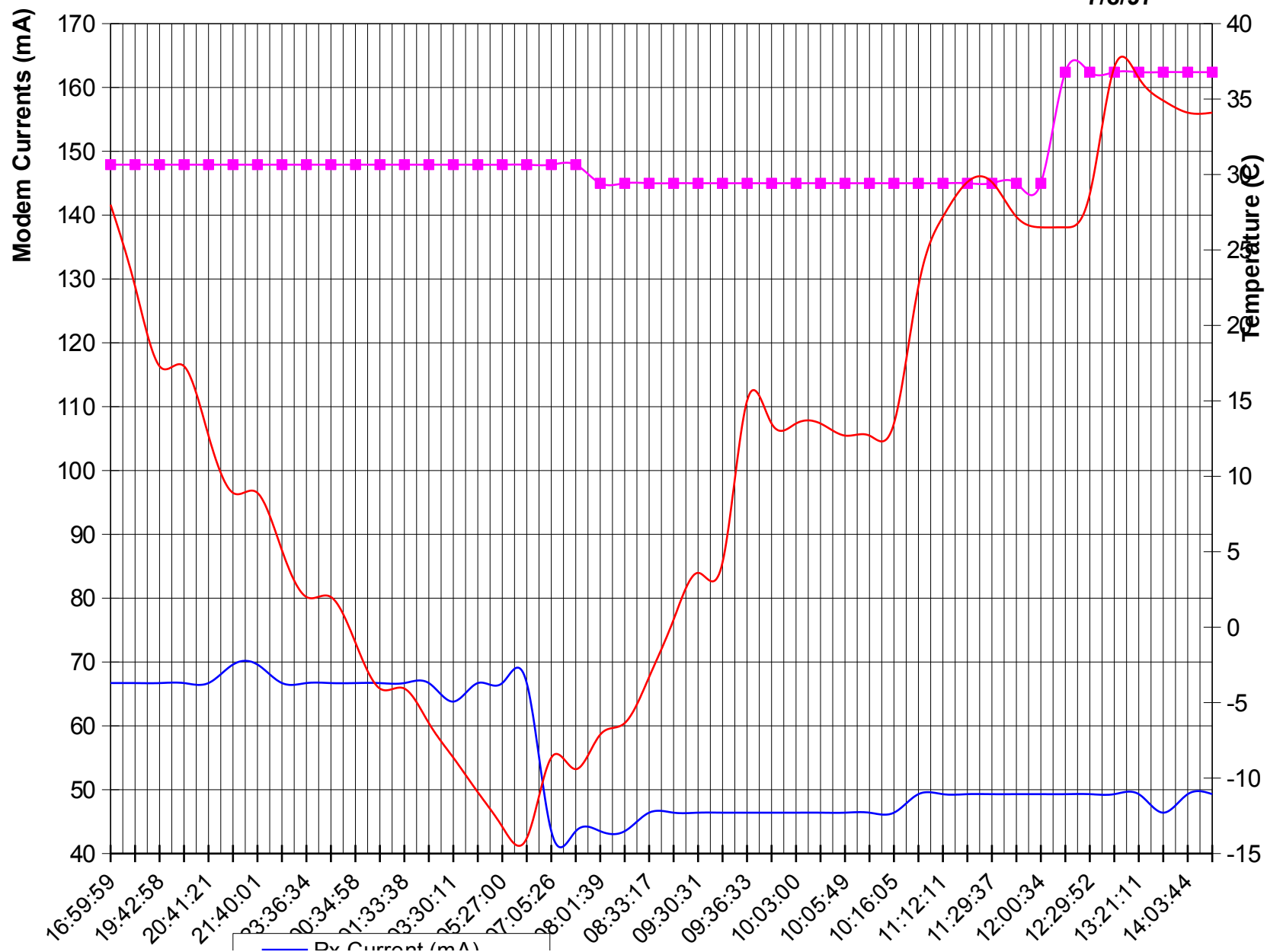
— Rover Modem Temp

MEET (HOURS)

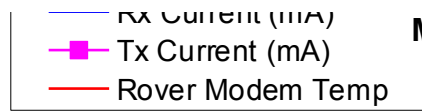
SOLE

Mars Pathfinder Rover Telecom SOL5

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SOL 4

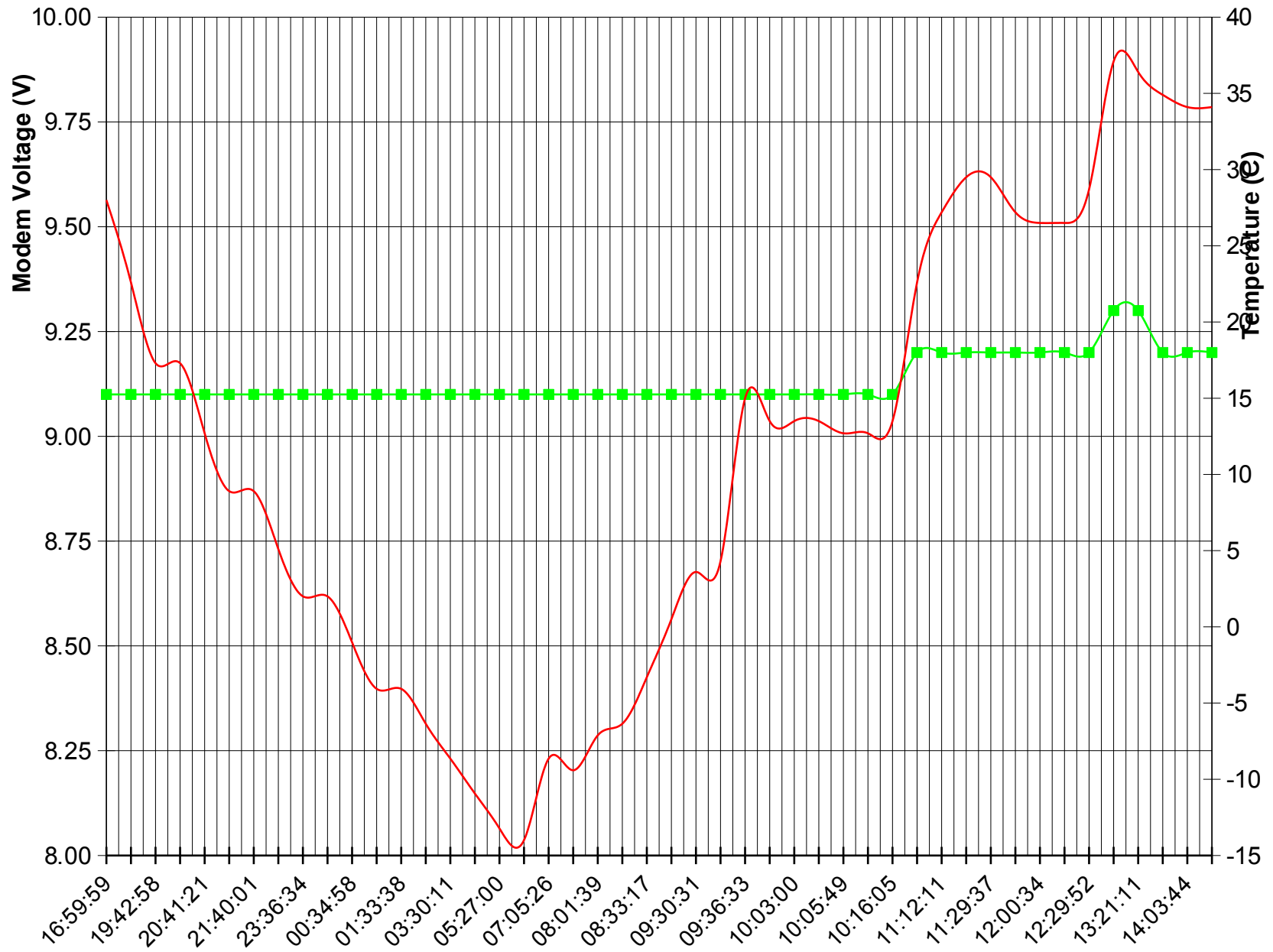


MLST (Hours)

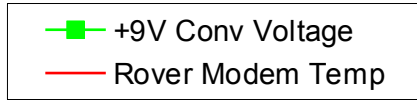
SOL 5

Mars Pathfinder Rover Telecom SOL5

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SOL 4

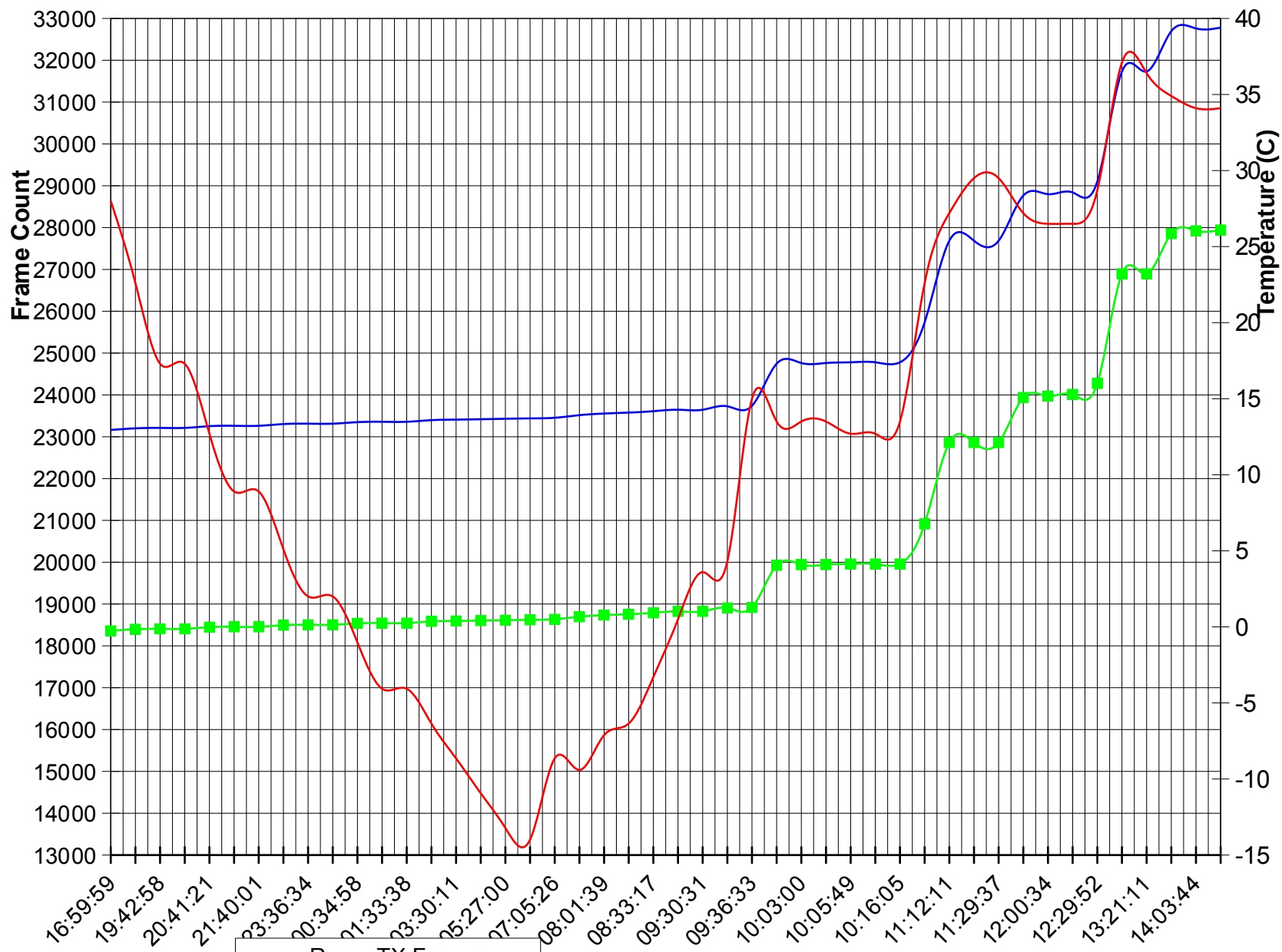


MLST (Hours)

SOL 5

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SOL 4

— Rover TX Frames
—■ Rover RX Frames
— Rover Modem Temp

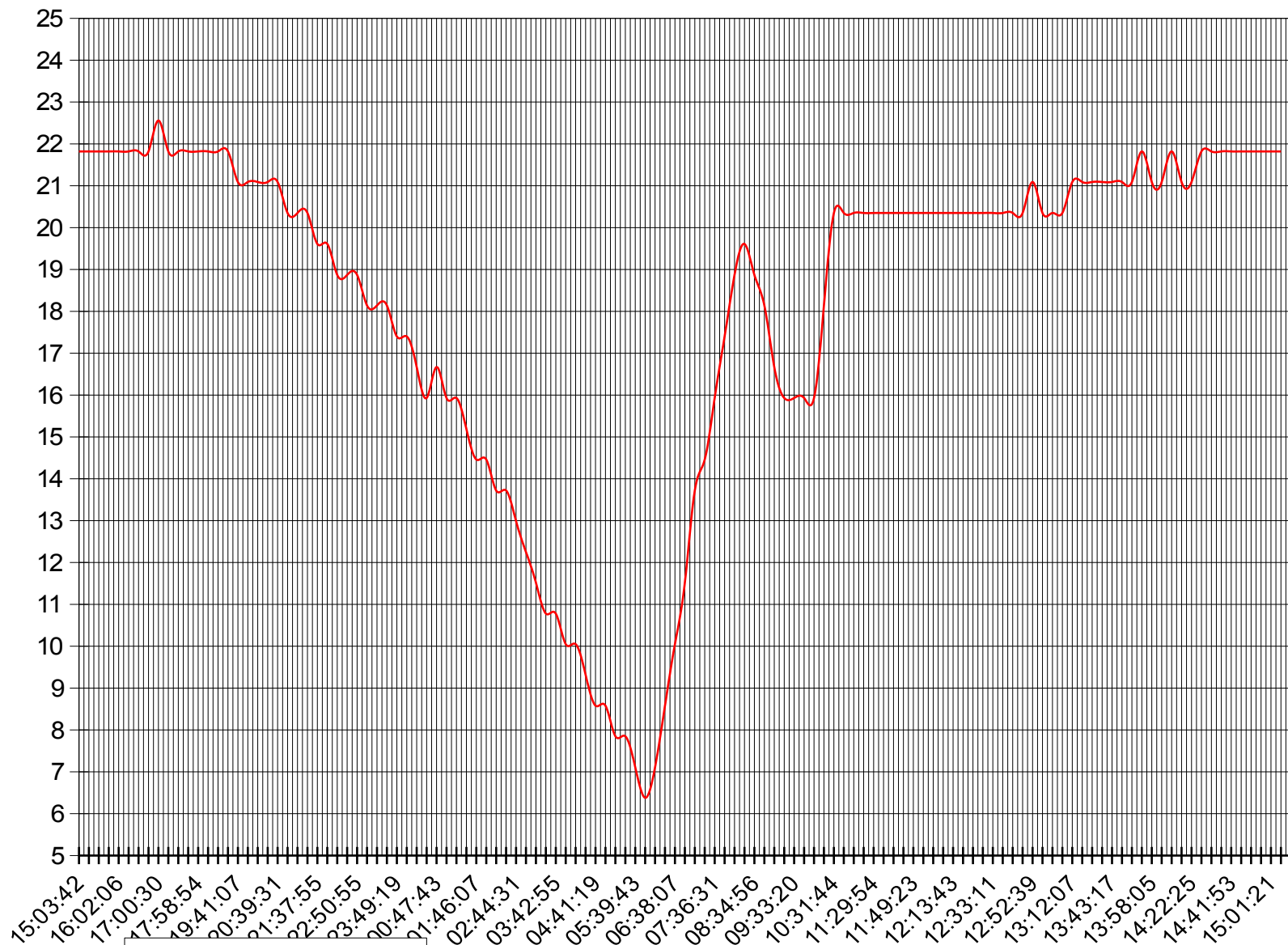
MLST (Hours)

SOL 5

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LMRE Modem Temperature (C)



SOL 4

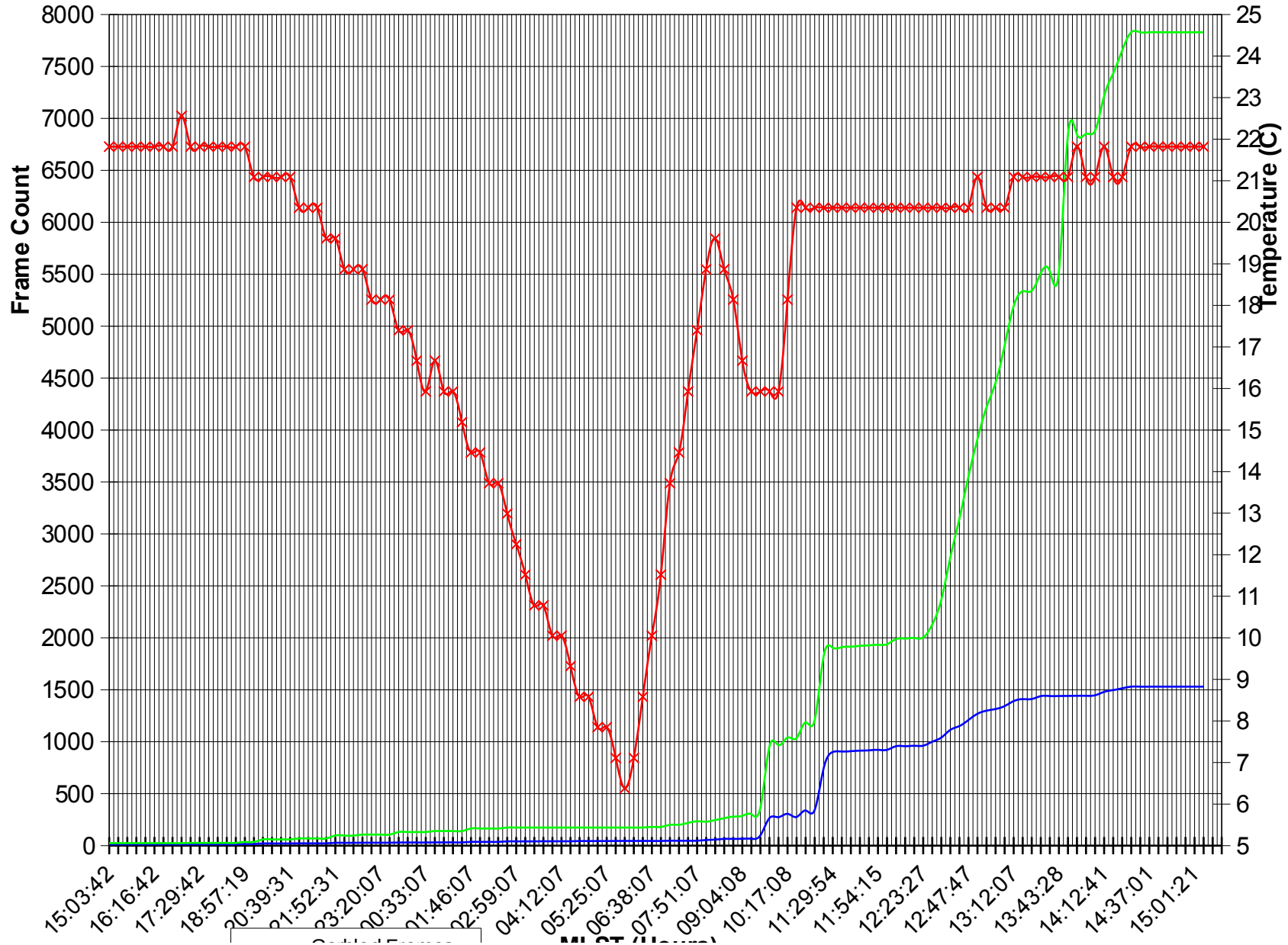
— LMRE Temperature

MLST (Hours)

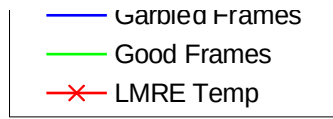
SOL 5

Mars Pathfinder Rover Telecom SOL5

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SOL 4

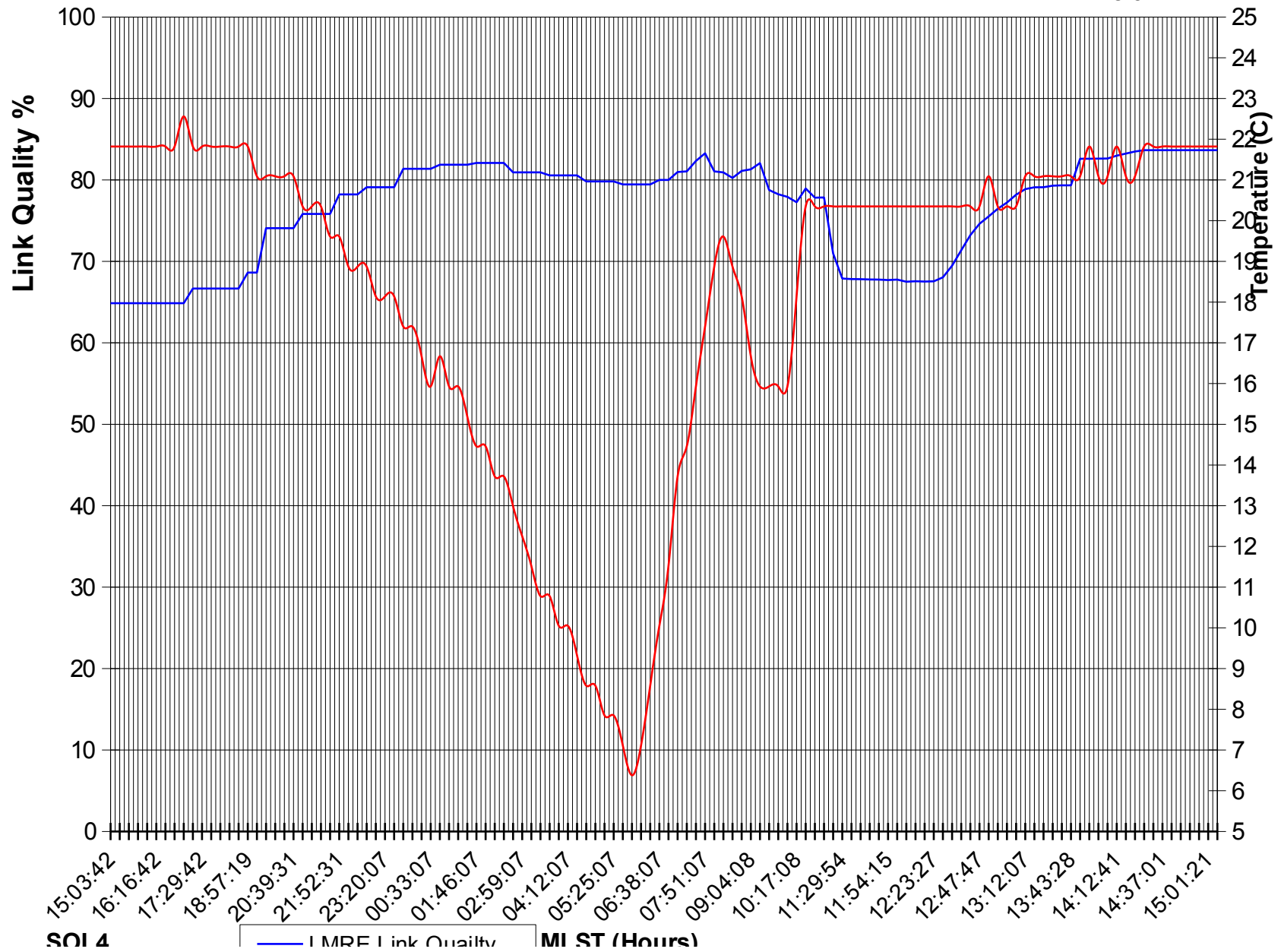


MLST (Hours)

SOL 5

Mars Pathfinder Rover Telecom SOL5

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SOL 4

LMRF Link Quality

MI ST (Hours)

SOL4



SOL5

SOL 4 to 5 LMRE DATA
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SCET	SCLK	MLST	Garbled	SUM garbled	Good	sum good	LMRE Temp	Modem_B	Modem_A	Quality%
7:18	4:28	15:03:42	13	13	24	24	21.82			64.9
7:33	4:28	15:18:18	13	13	24	24	21.82	1		64.9
7:48	4:28	15:32:54	13	13	24	24	21.82			64.9
8:03	4:28	15:47:30	13	13	24	24	21.82			64.9
8:18	4:28	16:02:06	13	13	24	24	21.82			64.9
8:33	4:28	16:16:42	13	13	24	24	21.82	1		64.9
8:48	4:28	16:31:18	13	13	24	24	21.82			64.9
9:03	4:28	16:45:54	13	13	24	24	21.82			64.9
9:18	4:29	17:00:30	13	13	24	24	22.56			64.9
9:33	4:29	17:15:06		13	26	26	21.82			66.7
9:48	4:29	17:29:42	13	13		26	21.82	0	0	66.7
10:03	4:29	17:44:18		13		26	21.82	1		66.7
10:18	4:29	17:58:54		13		26	21.82	0		66.7
10:48	4:29	18:28:06		13		26	21.82			66.7
11:03	4:29	18:42:43		13		26	21.82	1		66.7
11:18	4:29	18:57:19	3	16	9	35	21.82	0		68.6
12:03	4:29	19:41:07		16		35	21.09	1		68.6
12:18	4:29	19:55:43	8	21	34	60	21.09	0		74.1
12:33	4:29	20:10:19		21		60	21.09			74.1
12:48	4:29	20:24:55	8	21		60	21.09	0	0	74.1
13:03	4:29	20:39:31		21		60	21.09	1		74.1
13:18	4:29	20:54:07	1	22	9	69	20.35	0		75.8
13:33	4:29	21:08:43		22		69	20.35			75.8
13:48	4:29	21:23:19		22		69	20.35			75.8
14:03	4:29	21:37:55		22		69	19.61	1		75.8
14:18	4:29	21:52:31	6	27	37	97	19.61	0		78.2
14:48	4:29	22:21:43		27		97	18.87			78.2
15:03	4:29	22:36:19		27		97	18.87	1		78.2
15:18	4:29	22:50:55	1	28	9	106	18.87	0		79.1
15:33	4:29	23:05:31		28		106	18.14			79.1
15:48	4:29	23:20:07	1	28		106	18.14	0	0	79.1
16:03	4:29	23:34:43		28		106	18.14	1		79.1
16:18	4:29	23:49:19	3	30	34	131	17.4	0		81.4

16:33	4:29	00:03:55		30		131	17.4			81.4
16:48	4:29	00:18:31		30		131	16.67			81.4
17:03	4:29	00:33:07		30		131	15.93	1		81.4
17:18	4:29	00:47:43	1	31	9	140	16.67	0		81.9
17:33	4:29	01:02:19		31		140	15.93			81.9
17:48	4:29	01:16:55		31		140	15.93			81.9
18:03	4:29	01:31:31		31		140	15.19	1		81.9
18:18	4:29	01:46:07	6	36	34	165	14.46	0		82.1
18:33	4:29	02:00:43		36		165	14.46			82.1
18:48	4:29	02:15:19	6	36		165	13.72	0	0	82.1
19:03	4:29	02:29:55		36		165	13.72	1		82.1
19:18	4:29	02:44:31	5	41	9	174	12.99	0		80.9
19:33	4:29	02:59:07		41		174	12.25			80.9
19:48	4:29	03:13:43		41		174	11.52			80.9
20:03	4:29	03:28:19		41		174	10.78	1		80.9
20:18	4:29	03:42:55	1	42	9	174	10.78	0		80.6
20:33	4:29	03:57:31		42		174	10.05			80.6
20:48	4:29	04:12:07		42		174	10.05			80.6
21:03	4:29	04:26:43		42		174	9.32	1		80.6
21:18	4:29	04:41:19	3	44	9	174	8.58	0		79.8
21:33	4:29	04:55:55		44		174	8.58			79.8
21:48	4:29	05:10:31	3	44		174	7.85	0	0	79.8
22:03	4:29	05:25:07		44		174	7.85	1		79.8
22:18	4:29	05:39:43	1	45	9	174	7.11	0		79.5
22:33	4:29	05:54:19		45		174	6.38			79.5
22:48	4:29	06:08:55		45		174	7.11			79.5
23:03	4:29	06:23:31		45		174	8.58	1		79.5
23:18	4:29	06:38:07		45	15	180	10.05	0		80.0
23:33	4:29	06:52:43		45		180	11.52			80.0
23:48	4:29	07:07:19	3	47	35	200	13.72	1		81.0
0:03	4:29	07:21:55		47	1	201	14.46	1		81.0
0:18	4:29	07:36:31	3	47	19	219	15.93			82.3
0:33	4:29	07:51:07		47	34	234	17.4			83.3
0:48	4:29	08:05:43	10	54	31	231	18.87	1	0	81.1
1:03	4:29	08:20:19	14	58	46	246	19.61			80.9

1:18	4:29	08:34:56	21	65	64	264	18.87			80.2
1:33	4:29	08:49:32		65	79	279	18.14			81.1
1:48	4:29	09:04:08	1	66	8	287	16.67	1		81.3
2:03	4:29	09:18:44		66	23	302	15.93			82.1
2:18	4:29	09:33:20	33	99	88	367	15.93			78.8
2:33	4:29	09:47:56	199	265	674	953	15.93			78.2
2:48	4:29	10:02:32	9	274	14	967	15.93	1		77.9
3:03	4:29	10:17:08	41	306	87	1040	18.14			77.3
3:18	4:29	10:31:44	11	276	82	1035	20.35			78.9
3:33	4:29	10:46:20	73	338	233	1186	20.35			77.8
3:48	4:29	11:00:56	6	344	23	1209	20.35	1	0	77.8
4:03	4:29	11:15:32	409	747	640	1826	20.35			71.0
4:17	4:29	11:29:54	563	901	719	1905	20.35			67.9
4:22	4:33	11:34:47	568	906	724	1910	20.35			67.8
4:27	4:38	11:39:39	571	909	729	1915	20.35	1	0	67.8
4:32	4:43	11:44:31	576	914	737	1923	20.35			67.8
4:37	4:48	11:49:23	579	917	742	1928	20.35			67.8
4:42	4:53	11:54:15	584	922	747	1933	20.35			67.7
4:47	4:58	11:59:07	584	922	752	1938	20.35	1	0	67.8
4:57	5:08	12:08:51	35	957	50	1988	20.35			67.5
5:02	5:13	12:13:43		957	55	1993	20.35			67.6
5:07	5:18	12:18:35	39	961	60	1998	20.35	1	0	67.5
5:12	5:23	12:23:27	40	962	65	2003	20.35			67.6
5:17	5:28	12:28:19	78	1000	191	2129	20.35			68.0
5:23	5:33	12:33:11	118	1040	429	2367	20.35			69.5
5:28	5:38	12:38:03	192	1114	838	2776	20.35	1	0	71.4
5:33	5:43	12:42:55	229	1151	1209	3147	20.35			73.2
5:37	5:48	12:47:47	287	1209	1615	3553	20.35			74.6
5:42	5:53	12:52:39	347	1269	1977	3915	21.09			75.5
5:48	5:58	12:57:31	377	1299	2282	4220	20.35	1	0	76.5
5:53	6:03	13:02:23	16	1315	237	4457	20.35	1		77.2
5:57	6:08	13:07:15	44	1343	594	4814	20.35			78.2
6:02	6:13	13:12:07	92	1391	972	5192	21.09			78.9
6:04	6:15	13:14:00	111	1410	1116	5336	21.09	1	0	79.1
6:05	6:46	13:14:04	112	1411	1121	5341	21.09			79.1

6:20	6:46	13:28:41	140	1439	1290	5510	21.09			79.3
6:35	6:46	13:43:17	141	1440	1308	5528	21.09			79.3
6:35	6:46	13:43:28	141	1440		5528	21.09	1	0	79.3
6:40	6:51	13:48:21	142	1441	1313	6841	21.09			82.6
6:45	6:56	13:53:13	143	1442	1318	6846	21.82			82.6
6:50	7:01	13:58:05		1442	1323	6851	21.09			82.6
6:55	7:06	14:02:57	5	1447	31	6882	21.09	1	0	82.6
7:05	7:16	14:12:41	38	1480	364	7215	21.82			83.0
7:10	7:21	14:17:33	55	1497	582	7433	21.09			83.2
7:15	7:26	14:22:25	72	1514	804	7655	21.09	1	0	83.5
7:20	7:31	14:27:17	88	1530	978	7829	21.82			83.7
7:25	7:36	14:32:09		1530		7829	21.82			83.7
7:30	7:41	14:37:01		1530		7829	21.82			83.7
7:35	7:46	14:41:53	88	1530		7829	21.82	1	0	83.7
7:40	7:51	14:46:45		1530		7829	21.82			83.7
7:45	7:56	14:51:37		1530		7829	21.82			83.7
7:50	8:01	14:56:29		1530		7829	21.82			83.7
7:55	8:06	15:01:21	88	1530		7829	21.82	1	0	83.7
8:00	8:11	15:06:13		1530		7829	21.82			83.7

SOL 4 to 5 ROVER DATA
7/8/1997

SCET	SCLK	MLST	TX Frame Count	RX Frame Count	Modem Temp	+9V Conv	RX Current	TX Current	blank	Delta TX	Delta RX	Quality%
9:17	4:29	16:59:59	23163	18360	28	9.1	66.7	147.9		0	0	97.4
11:05	4:29	18:44:32	23201	18397	22.6	9.1	66.7	147.9		38	37	97.4
12:05	4:29	19:42:58	23212	18407	17.3	9.1	66.7	147.9		49	47	95.9
12:05	4:30	19:43:13	23212	18407	17.3	9.1	66.7	147.9		49	47	95.9
13:05	4:30	20:41:21	23253	18447	12.7	9.1	66.7	147.9		90	87	96.7
14:05	4:30	21:39:46	23262	18455	8.9	9.1	69.6	147.9		99	95	96.0
14:05	4:30	21:40:01	23262	18455	8.9	9.1	69.6	147.9		99	95	96.0
15:05	4:30	22:38:10	23304	18495	5.1	9.1	66.7	147.9		141	135	95.7
16:05	4:30	23:36:34	23313	18503	2	9.1	66.7	147.9		150	143	95.3
16:05	4:30	23:36:49	23313	18503	2	9.1	66.7	147.9		150	143	95.3
17:05	4:30	00:34:58	23349	18538	-1.0156	9.1	66.7	147.9		186	178	95.7
18:05	4:30	01:33:22	23358	18546	-4.068	9.1	66.7	147.9		195	186	95.4
18:05	4:30	01:33:38	23358	18546	-4.068	9.1	66.7	147.9		195	186	95.4
19:05	4:30	02:31:46	23397	18584	-6.3573	9.1	66.7	147.9		234	224	95.7
20:05	4:30	03:30:11	23410	18596	-8.6466	9.1	63.8	147.9		247	236	95.5
21:05	4:30	04:28:35	23419	18604	-10.9359	9.1	66.7	147.9		256	244	95.3
22:05	4:30	05:27:00	23430	18614	-13.2252	9.1	66.7	147.9		267	254	95.1
23:05	4:30	06:25:21	23439	18622	-13.9883	9.1	66.7	147.9		276	262	94.9
23:46	4:30	07:05:26	23454	18636	-8.6466	9.1	43.5	147.9		291	276	94.8
0:16	4:30	07:34:41	23516	18696	-9.4097	9.1	43.5	147.9		353	336	95.2
0:44	4:30	08:01:39	23555	18735	-7.1204	9.1	43.5	145		392	375	95.7
0:46	4:30	08:03:59	23578	18757	-6.3573	9.1	43.5	145		415	397	95.7
1:16	4:30	08:33:17	23611	18790	-3.3049	9.1	46.4	145		448	430	96.0
1:46	4:30	09:02:33	23646	18824	0.5	9.1	46.4	145		483	464	96.1
2:15	4:30	09:30:31	23646	18824	3.6	9.1	46.4	145		483	464	96.1
2:16	4:30	09:31:29	23728	18906	4.3	9.1	46.4	145		565	546	96.6
2:21	4:30	09:36:33	23739	18917	15	9.1	46.4	145		576	557	96.7
2:45	4:30	09:59:46	24747	19925	13.5	9.1	46.4	145		1584	1565	98.8
2:48	4:30	10:03:00	24763	19941	13.5	9.1	46.4	145		1600	1581	98.8
2:48	4:29	10:03:15	24763	19941	13.5	9.1	46.4	145		1600	1581	98.8
2:51	4:30	10:05:49	24780	19958	12.7	9.1	46.4	145		1617	1598	98.8
3:01	4:29	10:15:11	24780	19958	12.7	9.1	46.4	145		1617	1598	98.8
3:02	4:30	10:16:05	24780	19958	13.5	9.1	46.4	145		1617	1598	98.8
3:24	4:30	10:38:09	25737	20915	22.6	9.2	49.3	145		2574	2555	99.3

3:59	4:30	11:12:11	27686	22861	27.2	9.2	49.3	145	4523	4501	99.5
4:16	4:30	11:28:11	27686	22861	29.5	9.2	49.3	145	4523	4501	99.5
4:17	4:30	11:29:37	27686	22861	29.5	9.2	49.3	145	4523	4501	99.5
4:29	4:40	11:41:27	28765	23939	27.2	9.2	49.3	145	5602	5579	99.6
4:49	5:00	12:00:34	28799	23972	26.5	9.2	49.3	145	5636	5612	99.6
4:54	5:05	12:05:20	28840	24013	26.5	9.2	49.3	162.4	5677	5653	99.6
5:19	5:30	12:29:52	29102	24273	28.7	9.2	49.3	162.4	5939	5913	99.6
5:55	6:05	13:04:22	31731	26897	37.1	9.3	49.3	162.4	8568	8537	99.6
6:12	6:46	13:21:11	31731	26897	36.4	9.3	49.3	162.4	8568	8537	99.6
6:25	6:46	13:33:39	32694	27857	34.9	9.2	46.4	162.4	9531	9497	99.6
6:56	7:06	14:03:44	32761	27924	34.1	9.2	49.3	162.4	9598	9564	99.6
6:57	7:08	14:05:13	32780	27943	34.1	9.2	49.3	162.4	9617	9583	99.6