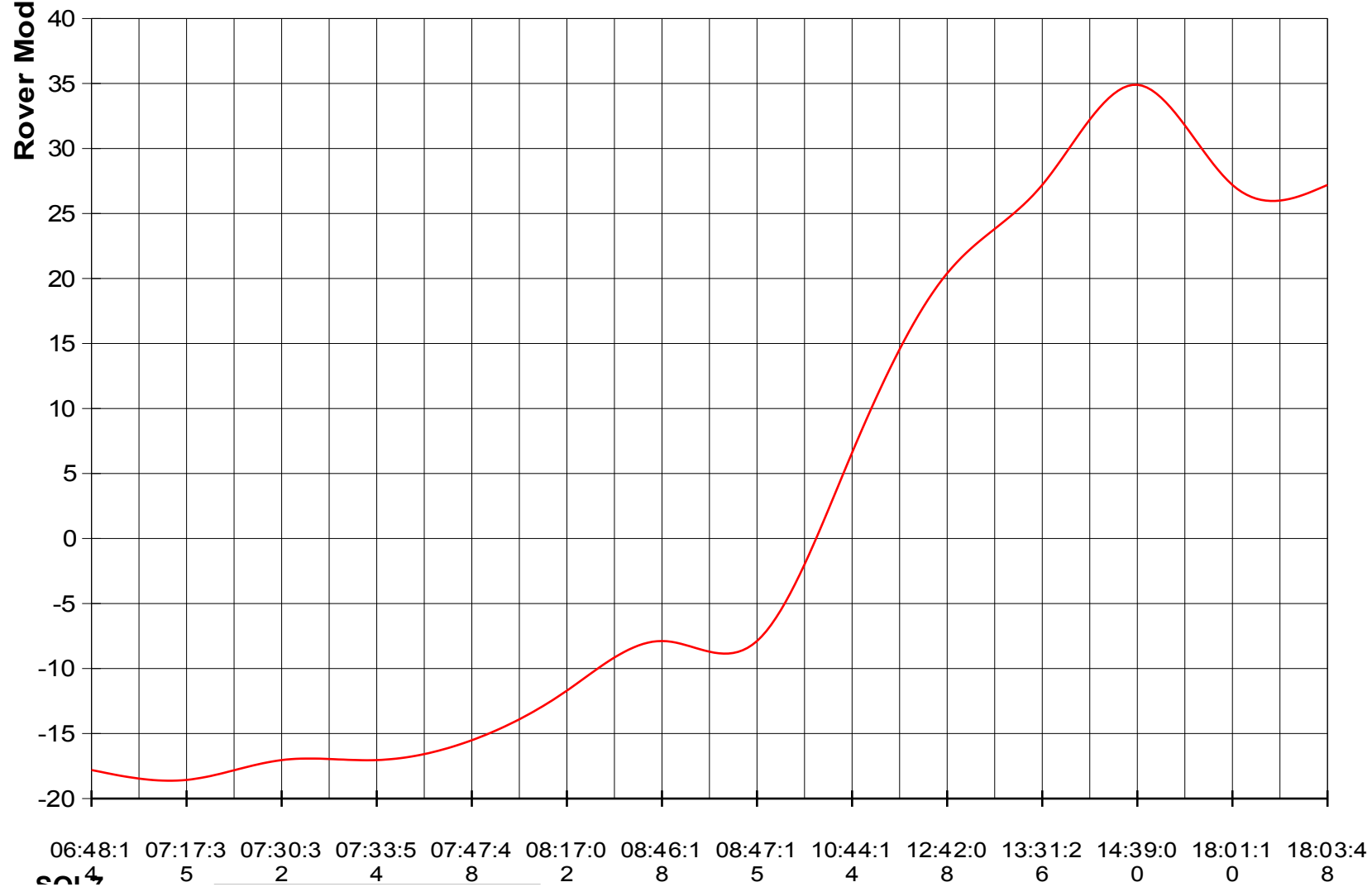



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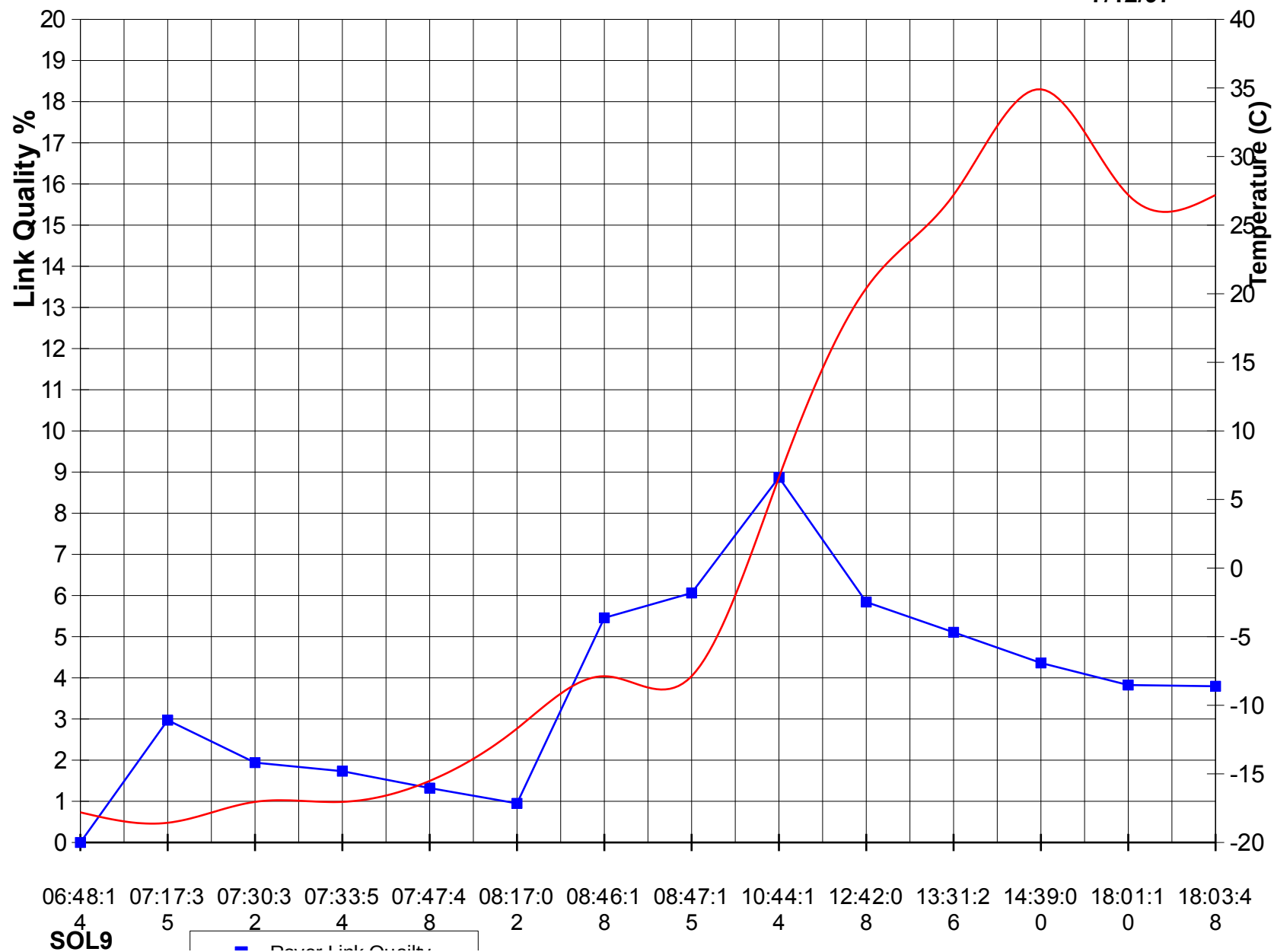
SOL 7

 Rover Modem Temp

MLST (Hours)

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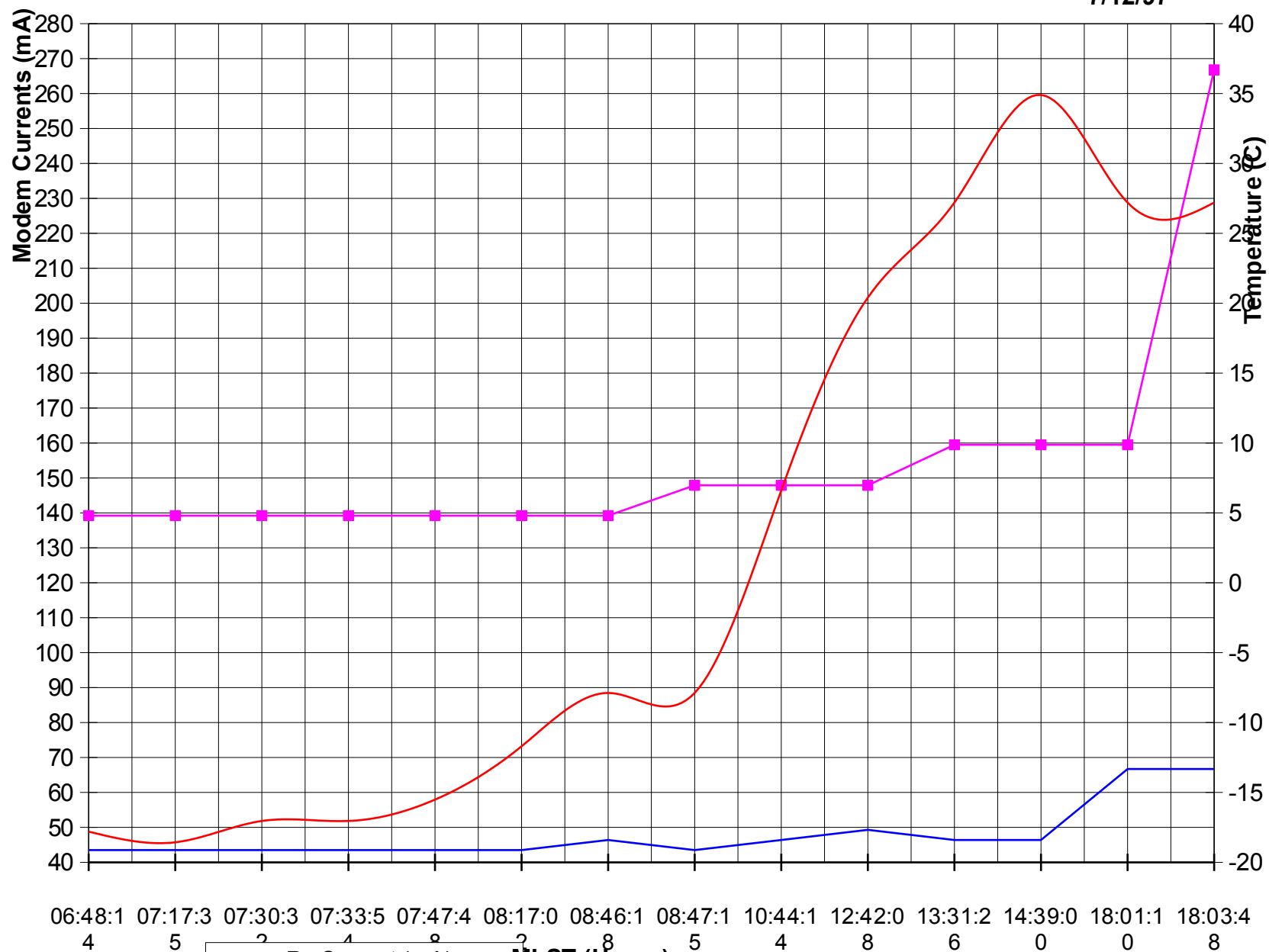


—■— Rover Link Quality
— Rover Modem Temp

MLST (Hours)

Mars Pathfinder Rover Telecom SOL9

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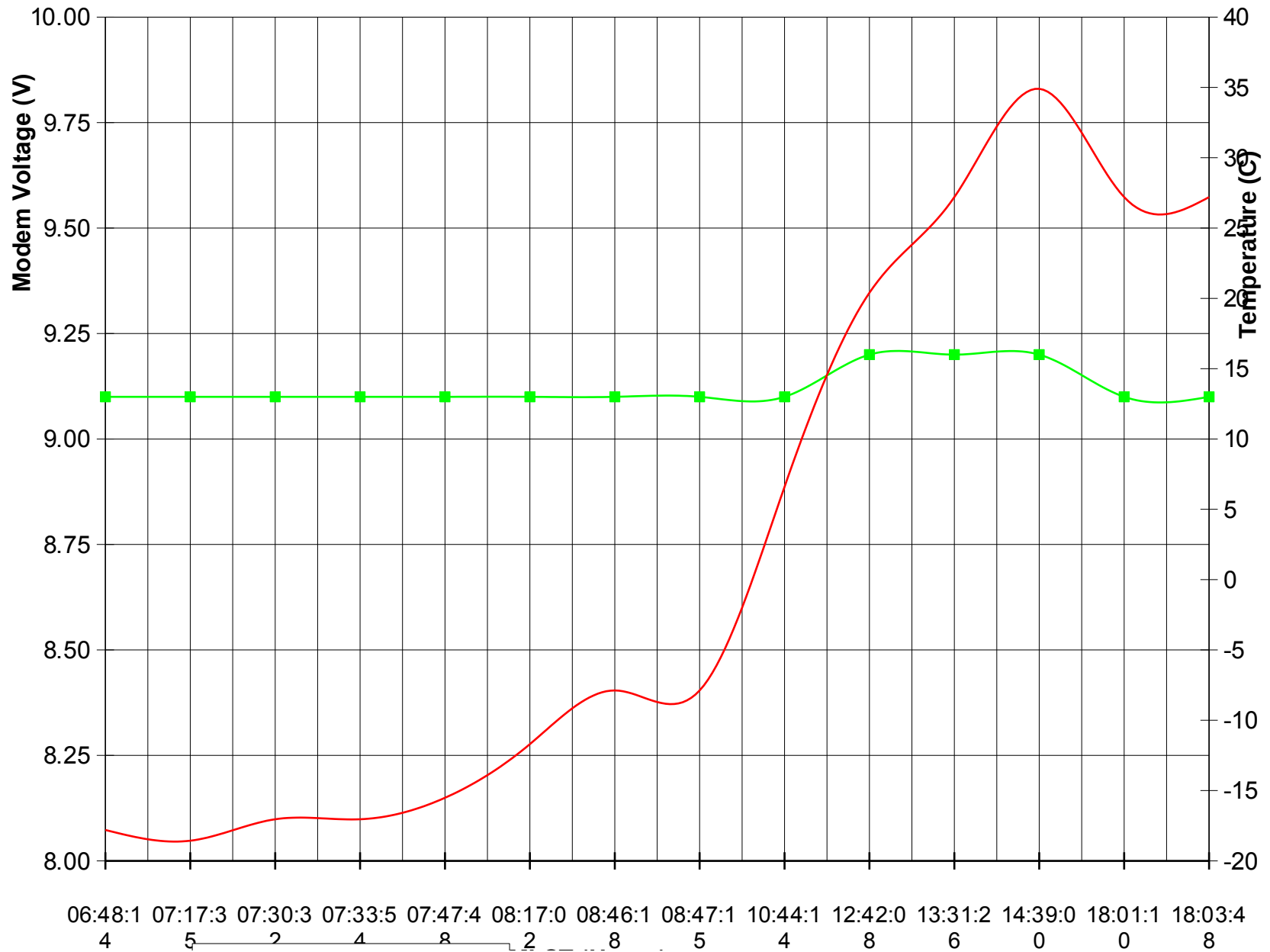
SOL 9

— Rx Current (mA)
— Tx Current (mA)
— Rover Modem Temp

MLST (Hours)

Mars Pathfinder Rover Telecom SOL9

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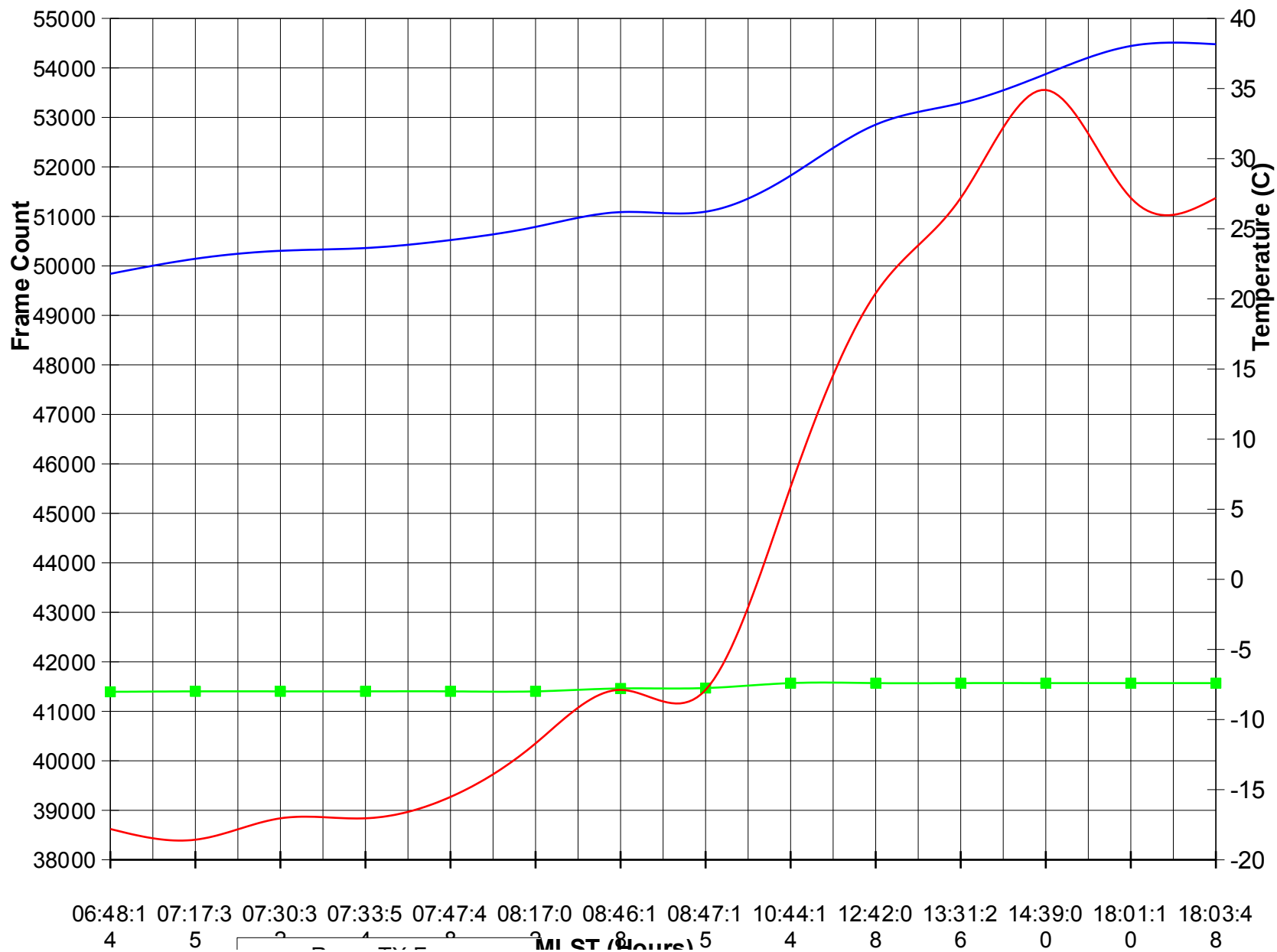
SOL 9

—■— +9V Conv Voltage
— Rover Modem Temp

MLST (Hours)

Mars Pathfinder Rover Telecom SOL9

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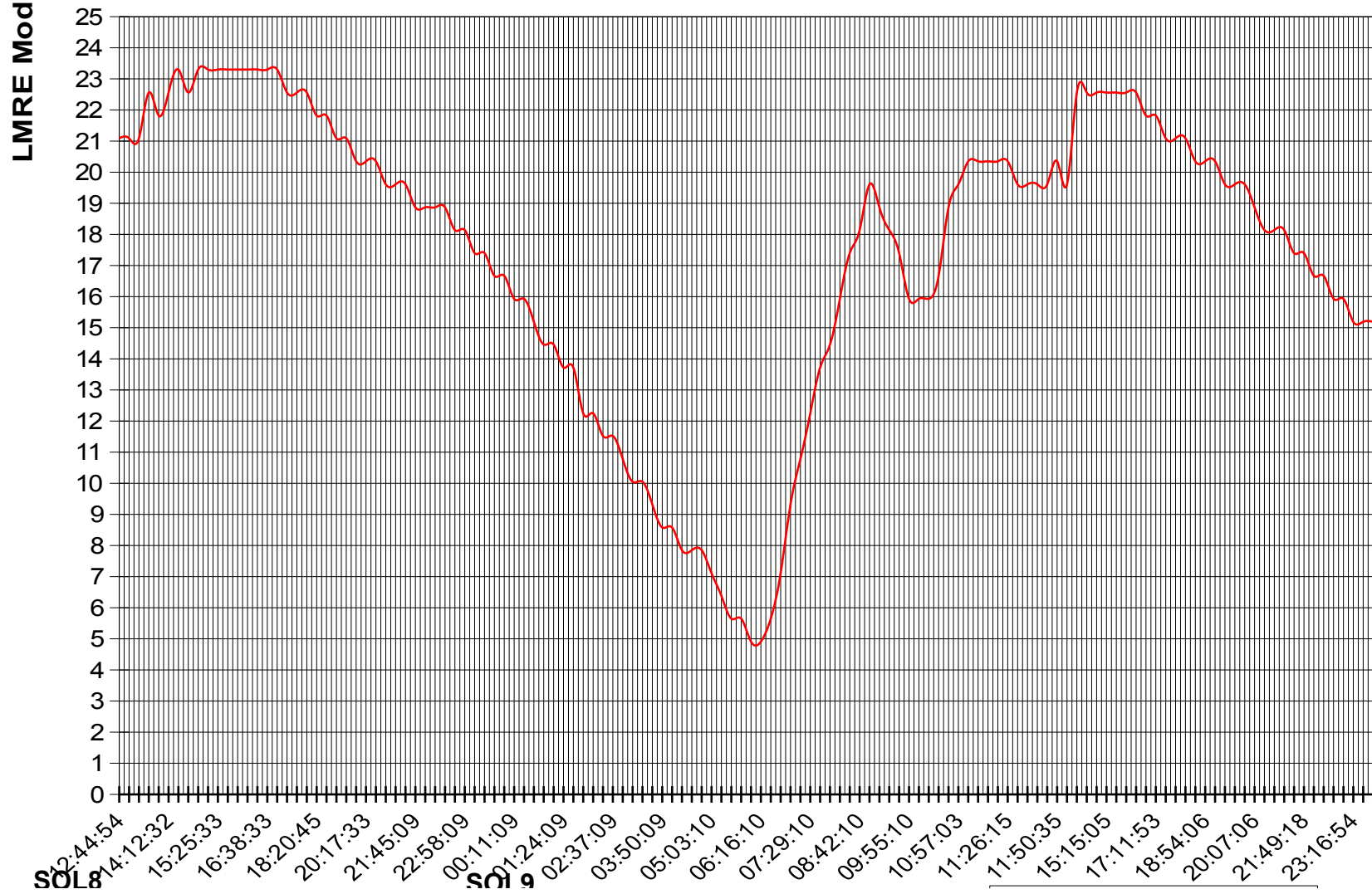


SOL 9

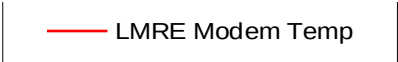


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Mars Pathfinder Rover Telecom SOL9

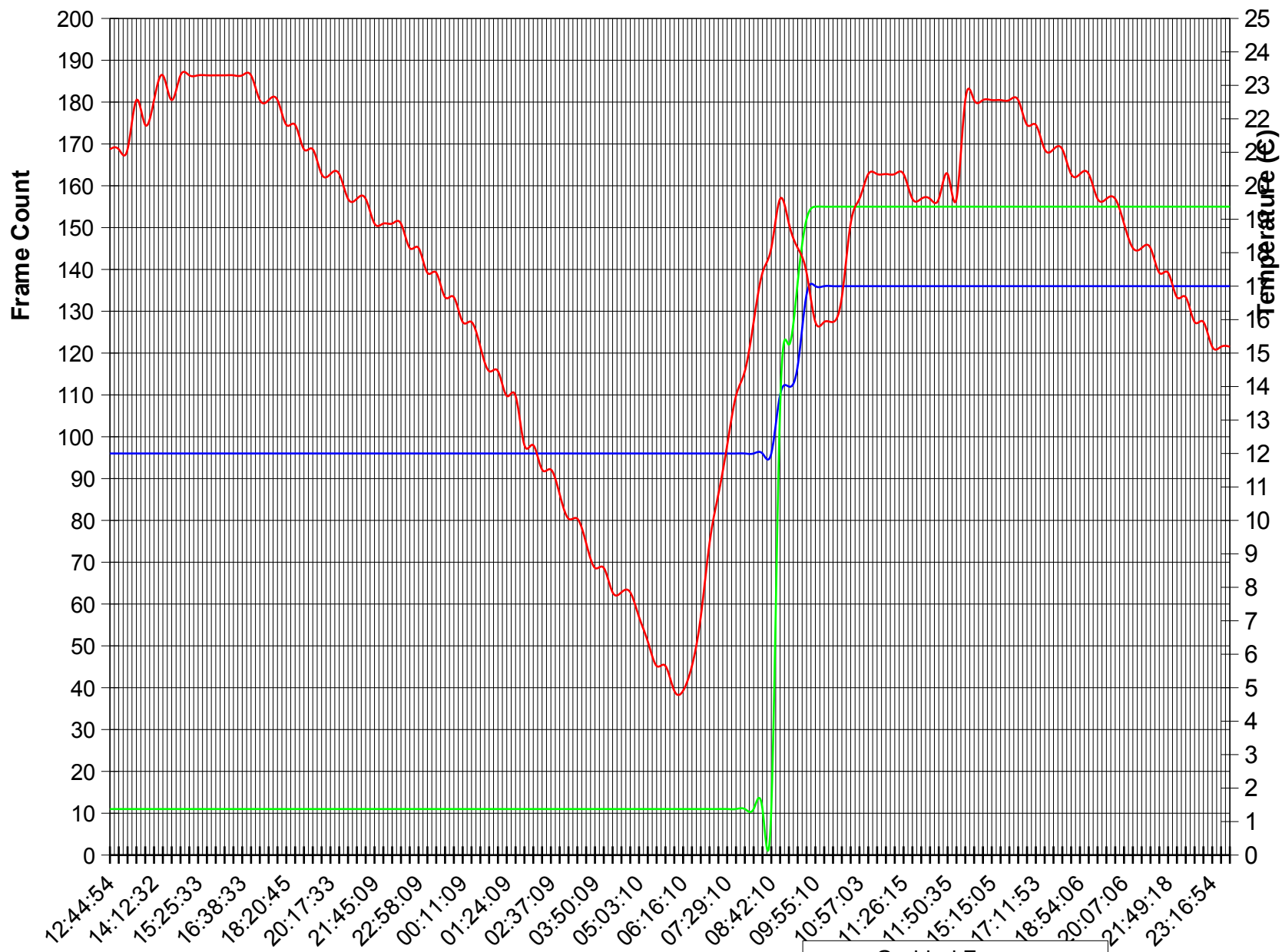


MLST (Hours)



Mars Pathfinder Rover Telecom SOL9

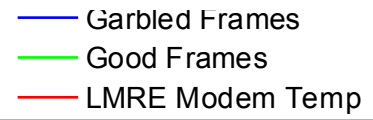
7/12/97



SOL 8

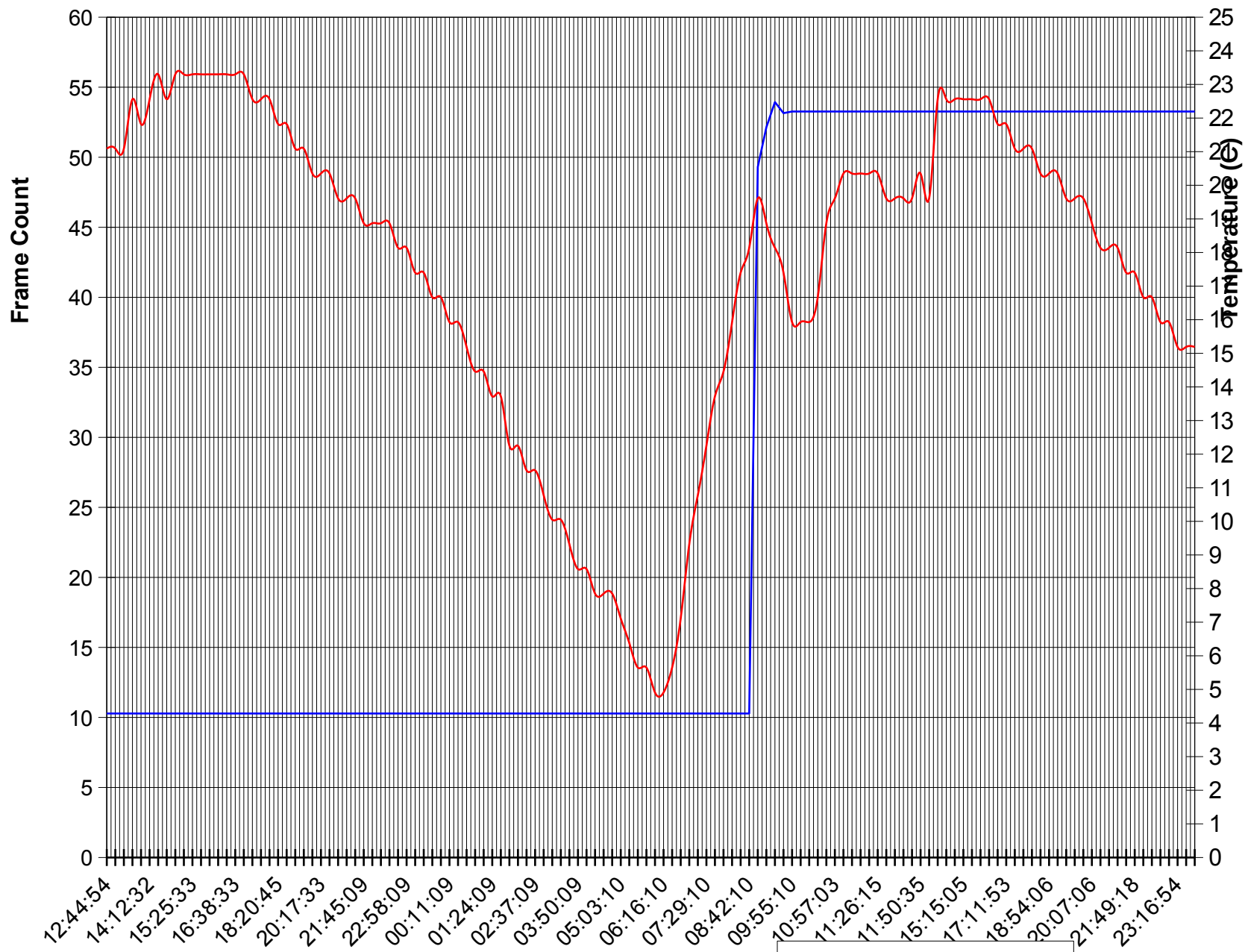
SOL 9

MLST (Hours)



Mars Pathfinder Rover Telecom SOL9

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SOL 8

SOL 9

MLST (Hours)

— LMRE Link Quality
— LMRE Modem Temp

SOL 8 & 9 LMRE DATA
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| SCET | SCLK | MLST | Garbled | SUM garbled | Good | sum good | LMRE Temp | Modem_B | Modem_A | Quality% |
|---------|---------|----------|---------|-------------|------|----------|-----------|---------|---------|----------|
| 35:00.7 | 29:48.7 | 12:44:54 | | 96 | | 11 | 21.09 | | | 10.3 |
| 50:02.6 | 29:52.8 | 12:59:32 | | 96 | | 11 | 21.09 | | | 10.3 |
| 05:02.7 | 29:58.9 | 13:14:08 | | 96 | | 11 | 21.09 | | | 10.3 |
| 20:02.6 | 30:03.9 | 13:28:44 | | 96 | | 11 | 22.56 | | | 10.3 |
| 35:02.7 | 30:07.2 | 13:43:20 | | 96 | | 11 | 21.82 | | | 10.3 |
| 05:02.7 | 30:15.3 | 14:12:32 | | 96 | | 11 | 22.56 | | | 10.3 |
| 20:02.7 | 30:17.4 | 14:27:08 | | 96 | | 11 | 23.3 | | | 10.3 |
| 35:02.7 | 30:21.2 | 14:41:44 | | 96 | | 11 | 22.56 | | | 10.3 |
| 50:02.7 | 30:23.1 | 14:56:21 | | 96 | | 11 | 23.3 | | | 10.3 |
| 05:02.7 | 30:26.3 | 15:10:57 | 96 | 96 | | 11 | 23.3 | 1 | 0 | 10.3 |
| 20:02.7 | 30:31.4 | 15:25:33 | | 96 | | 11 | 23.3 | | | 10.3 |
| 35:02.7 | 30:34.0 | 15:40:09 | | 96 | | 11 | 23.3 | | | 10.3 |
| 50:02.7 | 30:37.7 | 15:54:45 | | 96 | | 11 | 23.3 | | | 10.3 |
| 05:02.7 | 30:38.8 | 16:09:21 | | 96 | | 11 | 23.3 | | | 10.3 |
| 20:02.7 | 30:41.7 | 16:23:57 | | 96 | | 11 | 23.3 | | | 10.3 |
| 35:02.7 | 30:43.3 | 16:38:33 | | 96 | | 11 | 23.3 | | | 10.3 |
| 50:02.7 | 30:47.0 | 16:53:09 | | 96 | | 11 | 23.3 | | | 10.3 |
| 05:02.7 | 30:48.6 | 17:07:45 | | 96 | | 11 | 22.56 | 0 | | 10.3 |
| 20:02.7 | 30:50.6 | 17:22:21 | | 96 | | 11 | 22.56 | | | 10.3 |
| 05:02.8 | 30:59.2 | 18:06:09 | 96 | 96 | | 11 | 22.56 | 1 | 0 | 10.3 |
| 20:02.7 | 31:04.1 | 18:20:45 | | 96 | | 11 | 21.82 | 0 | | 10.3 |
| 05:02.7 | 31:10.2 | 19:04:33 | | 96 | | 11 | 21.82 | 1 | | 10.3 |
| 20:02.7 | 31:13.5 | 19:19:09 | | 96 | | 11 | 21.09 | 0 | | 10.3 |
| 35:02.7 | 31:15.7 | 19:33:45 | | 96 | | 11 | 21.09 | | | 10.3 |
| 05:02.8 | 31:17.5 | 20:02:57 | | 96 | | 11 | 20.35 | 1 | | 10.3 |
| 20:02.7 | 31:19.8 | 20:17:33 | | 96 | | 11 | 20.35 | 0 | | 10.3 |
| 50:02.7 | 31:25.3 | 20:46:45 | | 96 | | 11 | 20.35 | | | 10.3 |
| 05:02.8 | 31:28.2 | 21:01:21 | 96 | 96 | | 11 | 19.61 | 1 | 0 | 10.3 |
| 20:02.7 | 31:30.2 | 21:15:57 | | 96 | | 11 | 19.61 | 0 | | 10.3 |
| 35:02.7 | 31:31.9 | 21:30:33 | | 96 | | 11 | 19.61 | | | 10.3 |
| 50:02.7 | 31:34.2 | 21:45:09 | | 96 | | 11 | 18.87 | | | 10.3 |
| 05:02.8 | 31:36.7 | 21:59:45 | | 96 | | 11 | 18.87 | 1 | | 10.3 |
| 20:02.7 | 31:39.3 | 22:14:21 | | 96 | | 11 | 18.87 | 0 | | 10.3 |

| | | | | | | | | | |
|---------|---------|----------|----|----|----|-------|---|---|------|
| 35:02.7 | 31:42.4 | 22:28:57 | | 96 | 11 | 18.87 | | | 10.3 |
| 50:02.7 | 31:44.2 | 22:43:33 | | 96 | 11 | 18.14 | | | 10.3 |
| 05:02.7 | 31:45.8 | 22:58:09 | | 96 | 11 | 18.14 | 1 | | 10.3 |
| 20:02.7 | 31:46.4 | 23:12:45 | | 96 | 11 | 17.4 | 0 | | 10.3 |
| 35:02.7 | 31:48.8 | 23:27:21 | | 96 | 11 | 17.4 | | | 10.3 |
| 50:02.7 | 31:49.5 | 23:41:57 | | 96 | 11 | 16.67 | | | 10.3 |
| 05:02.8 | 31:51.2 | 23:56:33 | 96 | 96 | 11 | 16.67 | 1 | 0 | 10.3 |
| 20:02.8 | 31:56.2 | 00:11:09 | | 96 | 11 | 15.93 | 0 | | 10.3 |
| 35:02.7 | 31:58.8 | 00:25:45 | | 96 | 11 | 15.93 | | | 10.3 |
| 50:02.8 | 32:00.8 | 00:40:21 | | 96 | 11 | 15.19 | | | 10.3 |
| 05:02.8 | 32:03.3 | 00:54:57 | | 96 | 11 | 14.46 | 1 | | 10.3 |
| 20:02.8 | 32:05.5 | 01:09:33 | | 96 | 11 | 14.46 | 0 | | 10.3 |
| 35:02.8 | 32:08.2 | 01:24:09 | | 96 | 11 | 13.72 | | | 10.3 |
| 50:02.8 | 32:09.6 | 01:38:45 | | 96 | 11 | 13.72 | | | 10.3 |
| 05:02.8 | 32:10.5 | 01:53:21 | | 96 | 11 | 12.25 | 1 | | 10.3 |
| 20:02.8 | 32:11.2 | 02:07:57 | | 96 | 11 | 12.25 | 0 | | 10.3 |
| 35:02.8 | 32:12.9 | 02:22:33 | | 96 | 11 | 11.52 | | | 10.3 |
| 50:02.8 | 32:13.5 | 02:37:09 | | 96 | 11 | 11.52 | | | 10.3 |
| 05:02.8 | 32:15.2 | 02:51:45 | 96 | 96 | 11 | 10.78 | 1 | 0 | 10.3 |
| 20:02.8 | 32:20.5 | 03:06:21 | | 96 | 11 | 10.05 | 0 | | 10.3 |
| 35:02.8 | 32:22.9 | 03:20:57 | | 96 | 11 | 10.05 | | | 10.3 |
| 50:02.8 | 32:24.3 | 03:35:33 | | 96 | 11 | 9.32 | | | 10.3 |
| 05:02.8 | 32:27.3 | 03:50:09 | | 96 | 11 | 8.58 | 1 | | 10.3 |
| 20:02.8 | 32:29.3 | 04:04:45 | | 96 | 11 | 8.58 | 0 | | 10.3 |
| 35:02.8 | 32:31.6 | 04:19:21 | | 96 | 11 | 7.85 | | | 10.3 |
| 50:02.8 | 32:33.6 | 04:33:57 | | 96 | 11 | 7.85 | | | 10.3 |
| 05:02.8 | 32:34.1 | 04:48:33 | | 96 | 11 | 7.85 | 1 | | 10.3 |
| 20:02.8 | 32:34.8 | 05:03:10 | | 96 | 11 | 7.11 | 0 | | 10.3 |
| 35:02.8 | 32:37.1 | 05:17:46 | | 96 | 11 | 6.38 | | | 10.3 |
| 50:02.8 | 32:37.6 | 05:32:22 | | 96 | 11 | 5.65 | | | 10.3 |
| 05:02.9 | 32:38.3 | 05:46:58 | 96 | 96 | 11 | 5.65 | 1 | 0 | 10.3 |
| 20:02.8 | 32:42.4 | 06:01:34 | | 96 | 11 | 4.91 | 0 | | 10.3 |
| 35:02.8 | 32:45.1 | 06:16:10 | | 96 | 11 | 4.91 | | | 10.3 |
| 50:02.8 | 32:46.2 | 06:30:46 | | 96 | 11 | 5.65 | | | 10.3 |
| 05:02.8 | 32:47.1 | 06:45:22 | | 96 | 11 | 7.11 | | | 10.3 |

| | | | | | | | | | |
|---------|---------|----------|----|-----|-----|-----|-------|---|------|
| 20:02.8 | 32:47.7 | 06:59:58 | 1 | 96 | 11 | 11 | 9.32 | 0 | 10.3 |
| 35:02.8 | 32:48.7 | 07:14:34 | | 96 | | 11 | 10.78 | | 10.3 |
| 50:02.8 | 32:50.8 | 07:29:10 | | 96 | | 11 | 12.25 | | 10.3 |
| 05:02.9 | 32:52.2 | 07:43:46 | | 96 | | 11 | 13.72 | | 10.3 |
| 20:02.8 | 32:52.8 | 07:58:22 | | 96 | | 11 | 14.46 | | 10.3 |
| 35:02.8 | 32:53.4 | 08:12:58 | | 96 | | 11 | 15.93 | | 10.3 |
| 50:02.8 | 32:54.3 | 08:27:34 | | 96 | | 11 | 17.4 | | 10.3 |
| 05:02.9 | 32:54.7 | 08:42:10 | 1 | 96 | | 11 | 18.14 | 0 | 0 |
| 20:02.8 | 32:58.2 | 08:56:46 | 15 | 110 | 107 | 107 | 19.61 | 1 | 49.3 |
| 35:02.8 | 32:59.6 | 09:11:22 | 17 | 112 | 122 | 122 | 18.87 | | 52.1 |
| 50:02.8 | 33:00.5 | 09:25:58 | 22 | 117 | 137 | 137 | 18.14 | | 53.9 |
| 05:02.9 | 33:00.9 | 09:40:34 | 39 | 134 | 152 | 152 | 17.4 | | 53.1 |
| 20:02.8 | 33:01.9 | 09:55:10 | 41 | 136 | 155 | 155 | 15.93 | 0 | 53.3 |
| 35:02.8 | 33:03.8 | 10:09:46 | | 136 | | 155 | 15.93 | | 53.3 |
| 50:02.8 | 33:06.5 | 10:24:22 | | 136 | | 155 | 15.93 | | 53.3 |
| 05:02.9 | 33:07.2 | 10:38:58 | | 136 | | 155 | 16.67 | | 53.3 |
| 18:37.4 | 33:08.3 | 10:52:10 | 41 | 136 | | 155 | 18.87 | 0 | 0 |
| 23:37.9 | 34:48.7 | 10:57:03 | | 136 | | 155 | 19.61 | | 53.3 |
| 28:37.9 | 39:48.7 | 11:01:55 | | 136 | | 155 | 20.35 | | 53.3 |
| 33:37.9 | 44:49.1 | 11:06:47 | | 136 | | 155 | 20.35 | | 53.3 |
| 38:37.9 | 49:48.5 | 11:11:39 | 41 | 136 | | 155 | 20.35 | 0 | 0 |
| 43:37.9 | 54:48.2 | 11:16:31 | | 136 | | 155 | 20.35 | | 53.3 |
| 53:38.0 | 04:49.5 | 11:26:15 | | 136 | | 155 | 20.35 | | 53.3 |
| 58:38.0 | 09:49.4 | 11:31:07 | 41 | 136 | | 155 | 19.61 | 0 | 0 |
| 03:37.9 | 14:49.3 | 11:35:59 | | 136 | | 155 | 19.61 | | 53.3 |
| 08:37.9 | 19:48.9 | 11:40:51 | | 136 | | 155 | 19.61 | | 53.3 |
| 13:37.9 | 24:48.8 | 11:45:43 | | 136 | | 155 | 19.61 | | 53.3 |
| 18:37.9 | 29:48.9 | 11:50:35 | 41 | 136 | | 155 | 20.35 | 0 | 0 |
| 33:43.9 | 47:38.0 | 12:05:17 | | 136 | | 155 | 19.61 | | 53.3 |
| 48:43.9 | 47:43.0 | 14:16:41 | 41 | 136 | | 155 | 22.56 | 0 | 0 |
| 18:43.9 | 47:44.5 | 14:45:53 | | 136 | | 155 | 22.56 | | 53.3 |
| 33:43.9 | 47:44.9 | 15:00:29 | | 136 | | 155 | 22.56 | | 53.3 |
| 48:43.9 | 47:45.4 | 15:15:05 | | 136 | | 155 | 22.56 | | 53.3 |
| 03:43.9 | 47:45.9 | 15:29:41 | | 136 | | 155 | 22.56 | | 53.3 |
| 33:43.9 | 47:46.8 | 15:58:53 | | 136 | | 155 | 22.56 | | 53.3 |

| | | | | | | | | | |
|---------|---------|----------|----|-----|-----|-------|---|---|------|
| 03:43.9 | 47:47.8 | 16:28:05 | | 136 | 155 | 22.56 | | | 53.3 |
| 18:44.0 | 47:48.1 | 16:42:41 | | 136 | 155 | 21.82 | | | 53.3 |
| 48:44.0 | 47:49.2 | 17:11:53 | 41 | 136 | 155 | 21.82 | 0 | 0 | 53.3 |
| 03:44.0 | 47:50.4 | 17:26:29 | | 136 | 155 | 21.09 | | | 53.3 |
| 33:44.0 | 47:51.4 | 17:55:42 | | 136 | 155 | 21.09 | | | 53.3 |
| 48:44.0 | 47:51.8 | 18:10:18 | | 136 | 155 | 21.09 | | | 53.3 |
| 03:44.0 | 47:52.2 | 18:24:54 | | 136 | 155 | 20.35 | | | 53.3 |
| 33:44.0 | 47:53.2 | 18:54:06 | | 136 | 155 | 20.35 | | | 53.3 |
| 48:44.0 | 47:53.9 | 19:08:42 | | 136 | 155 | 20.35 | | | 53.3 |
| 03:44.0 | 47:54.2 | 19:23:18 | | 136 | 155 | 19.61 | | | 53.3 |
| 18:44.0 | 47:54.7 | 19:37:54 | | 136 | 155 | 19.61 | | | 53.3 |
| 33:44.0 | 47:55.3 | 19:52:30 | | 136 | 155 | 19.61 | | | 53.3 |
| 48:44.1 | 47:55.7 | 20:07:06 | 41 | 136 | 155 | 18.87 | 0 | 0 | 53.3 |
| 33:44.0 | 47:57.8 | 20:50:54 | | 136 | 155 | 18.14 | | | 53.3 |
| 48:44.0 | 47:58.3 | 21:05:30 | | 136 | 155 | 18.14 | | | 53.3 |
| 03:44.0 | 47:58.8 | 21:20:06 | | 136 | 155 | 18.14 | | | 53.3 |
| 18:44.0 | 47:59.3 | 21:34:42 | | 136 | 155 | 17.4 | | | 53.3 |
| 33:44.1 | 47:59.8 | 21:49:18 | | 136 | 155 | 17.4 | | | 53.3 |
| 03:44.1 | 48:00.6 | 22:18:30 | | 136 | 155 | 16.67 | | | 53.3 |
| 18:44.1 | 48:01.2 | 22:33:06 | | 136 | 155 | 16.67 | | | 53.3 |
| 33:44.1 | 48:01.6 | 22:47:42 | | 136 | 155 | 15.93 | | | 53.3 |
| 48:44.1 | 48:02.2 | 23:02:18 | 41 | 136 | 155 | 15.93 | 0 | 0 | 53.3 |
| 03:44.1 | 48:03.1 | 23:16:54 | | 136 | 155 | 15.19 | | | 53.3 |
| 18:44.1 | 48:03.8 | 23:31:30 | | 136 | 155 | 15.19 | | | 53.3 |
| 33:44.1 | 48:04.1 | 23:46:06 | | 136 | 155 | 15.19 | | | 53.3 |

SOL 8 & 9 ROVER DATA**7/12/1997**

| SCET | SCLK | MLST | TX Frame Count | RX Frame Count | Modem Temp | +9V Conv | RX Current | TX Current blank | Delta TX | Delta RX | Quality% |
|---------|---------|----------|----------------|----------------|------------|----------|------------|------------------|----------|----------|----------|
| 07:59.9 | 29:49.1 | 06:48:14 | 49841 | 41394 | -17.8038 | 9.1 | 43.5 | 139.2 | 0 | 0 | 0.0 |
| 38:08.7 | 30:05.1 | 07:17:35 | 50144 | 41403 | -18.5669 | 9.1 | 43.5 | 139.2 | 303 | 9 | 3.0 |
| 51:27.6 | 30:01.8 | 07:30:32 | 50305 | 41403 | -17.0407 | 9.1 | 43.5 | 139.2 | 464 | 9 | 1.9 |
| 54:54.7 | 29:59.4 | 07:33:54 | 50361 | 41403 | -17.0407 | 9.1 | 43.5 | 139.2 | 520 | 9 | 1.7 |
| 09:11.5 | 29:56.3 | 07:47:48 | 50522 | 41403 | -15.5145 | 9.1 | 43.5 | 139.2 | 681 | 9 | 1.3 |
| 39:14.5 | 29:54.1 | 08:17:02 | 50788 | 41403 | -11.699 | 9.1 | 43.5 | 139.2 | 947 | 9 | 1.0 |
| 09:17.8 | 30:07.9 | 08:46:18 | 51087 | 41462 | -7.8835 | 9.1 | 46.4 | 139.2 | 1246 | 68 | 5.5 |
| 10:17.1 | 30:09.9 | 08:47:15 | 51095 | 41470 | -7.8835 | 9.1 | 43.5 | 147.9 | 1254 | 76 | 6.1 |
| 10:27.7 | 48:56.5 | 10:44:14 | 51825 | 41570 | 6.6 | 9.1 | 46.4 | 147.9 | 1984 | 176 | 8.9 |
| 11:35.5 | 48:54.9 | 12:42:08 | 52854 | 41570 | 20.4 | 9.2 | 49.3 | 147.9 | 3013 | 176 | 5.8 |
| 02:14.2 | 48:52.6 | 13:31:26 | 53288 | 41570 | 27.2 | 9.2 | 46.4 | 159.5 | 3447 | 176 | 5.1 |
| 11:38.6 | 48:48.7 | 14:39:00 | 53876 | 41570 | 34.9 | 9.2 | 46.4 | 159.5 | 4035 | 176 | 4.4 |
| 39:20.6 | 48:47.5 | 18:01:10 | 54443 | 41570 | 27.2 | 9.1 | 66.7 | 159.5 | 4602 | 176 | 3.8 |
| 42:03.8 | 48:45.0 | 18:03:48 | 54478 | 41570 | 27.2 | 9.1 | 66.7 | 266.8 | 4637 | 176 | 3.8 |