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Mauna Loa Solar Observatory Observer's Log  
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Fri Jan 3 17:52:43 GMT 1997

Year: 97 Doy: 003

Observer: koon

WEATHER COMMENT: Fri Jan 3 17:52:47 GMT 1997

Clear sky, wind=20 mph from the SSW, temp=38 F.

Fri Jan 3 17:54:25 GMT 1997	CHIP	Startup--Initializing new tape
Fri Jan 3 17:58:10 GMT 1997	dPMon	Start Patrol
Fri Jan 3 17:58:20 GMT 1997	CHIP	CHIP Start Patrol
Fri Jan 3 18:01:58 GMT 1997	dPMon	Flat
Fri Jan 3 18:02:37 GMT 1997	CHIP	Bias
Fri Jan 3 18:02:55 GMT 1997	dPMon	End Flat
Fri Jan 3 18:03:25 GMT 1997	CHIP	End Bias
Fri Jan 3 18:03:35 GMT 1997	CHIP	Water
Fri Jan 3 18:04:06 GMT 1997	CHIP	End Water
Fri Jan 3 19:02:03 GMT 1997	dPMon	Flat
Fri Jan 3 19:02:08 GMT 1997	CHIP	Bias
Fri Jan 3 19:02:59 GMT 1997	dPMon	End Flat
Fri Jan 3 19:02:56 GMT 1997	CHIP	End Bias
Fri Jan 3 19:03:04 GMT 1997	CHIP	Water
Fri Jan 3 19:03:37 GMT 1997	CHIP	End Water
Fri Jan 3 20:01:02 GMT 1997	CHIP	Gain
Fri Jan 3 20:03:00 GMT 1997	dPMon	Flat
Fri Jan 3 20:03:55 GMT 1997	dPMon	End Flat
Fri Jan 3 20:05:07 GMT 1997	CHIP	End Gain
Fri Jan 3 20:05:17 GMT 1997	CHIP	Bias
Fri Jan 3 20:05:56 GMT 1997	CHIP	End Bias
Fri Jan 3 20:06:06 GMT 1997	CHIP	Water
Fri Jan 3 20:06:34 GMT 1997	CHIP	End Water
Fri Jan 3 21:01:02 GMT 1997	CHIP	Bias
Fri Jan 3 21:01:51 GMT 1997	CHIP	End Bias
Fri Jan 3 21:02:01 GMT 1997	CHIP	Water
Fri Jan 3 21:02:34 GMT 1997	CHIP	End Water
Fri Jan 3 21:03:07 GMT 1997	dPMon	Flat
Fri Jan 3 21:04:01 GMT 1997	dPMon	End Flat
Fri Jan 3 22:02:53 GMT 1997	dPMon	Flat
Fri Jan 3 22:03:03 GMT 1997	CHIP	Bias
Fri Jan 3 22:03:50 GMT 1997	dPMon	End Flat
Fri Jan 3 22:03:55 GMT 1997	CHIP	End Bias
Fri Jan 3 22:04:07 GMT 1997	CHIP	Water
Fri Jan 3 22:04:44 GMT 1997	CHIP	End Water
Fri Jan 3 23:02:06 GMT 1997	CHIP	Bias
Fri Jan 3 23:02:56 GMT 1997	dPMon	Flat
Fri Jan 3 23:02:55 GMT 1997	CHIP	End Bias
Fri Jan 3 23:03:03 GMT 1997	CHIP	Water
Fri Jan 3 23:03:40 GMT 1997	CHIP	End Water

Fri Jan 3 23:03:55 GMT 1997 dPMon End Flat

LOW-L COMMENT: Fri Jan 3 23:48:01 GMT 1997

Fixed the slippage problem. Once again the setscrew loosened up and the wave generator slipped down into a useless position. I had lockwashers on the setscrew which is actually a bolt, I'm not sure what could have caused the loosening, vibration is minimal but is a factor. The flat on the motor/encoder shaft should have been cut deeper originally and a larger setscrew should be used, also a larger access window would help. This time I used some medium strength Loctite Threadlocker (from home) on the setscrew to help prevent vibrational loosening. If this works I hope I can get everything apart when the new Harmonic Drive comes in. Lowl is running and collecting data as usual.

Sat Jan 4 00:01:03 GMT 1997 CHIP Bias  
Sat Jan 4 00:01:56 GMT 1997 CHIP End Bias  
Sat Jan 4 00:02:07 GMT 1997 CHIP Water  
Sat Jan 4 00:02:39 GMT 1997 CHIP End Water  
Sat Jan 4 00:03:07 GMT 1997 dPMon Flat  
Sat Jan 4 00:04:03 GMT 1997 dPMon End Flat  
Sat Jan 4 00:13:00 GMT 1997 dPMon End Patrol  
Sat Jan 4 00:14:43 GMT 1997 CHIP CHIP End Patrol  
Sat Jan 4 00:21:02 GMT 1997 CHIP ending tape

COMMENT: Sat Jan 4 00:21:21 GMT 1997

Activity report:

QP: 73; 90; 130; 240; 286; 313.

No coronal activity.

TAPES:

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MKIII: H01460

DPMON: P00788

CHIP: C00205

LOWL: L00433 RA slippage problem fixed, back on line today.

SCAN-LOG

SCAN-LOG 17:59:04. 1/3/97 DOY 3

18:04:19	18:07:31	18:10:42	18:13:54	18:17:06
18:20:19	18:23:32	1827 0 CL	18:31:36	1837 15CL
18:44:48	18:51:23	18:54:37	18:57:53	19:01:08
19:04:24	19:07:39	19:10:55	19:14:10	19:17:27
19:20:42	19:23:59	19:27:17	19:30:40	19:33:55
19:37:12	19:40:27	19:43:49	19:47:05	19:50:22
19:53:38	19:56:55	20:00:11	20:03:29	20:06:45
20:10:08	20:13:25	20:16:43	20:19:59	20:23:17
20:26:33	20:29:50	20:33:07	20:36:25	20:39:41
20:42:59	20:46:16	20:49:35	20:52:52	20:56:10
20:59:27	21:02:46	21:06:03	21:09:22	21:12:39
21:15:57	21:19:15	21:22:38	21:25:54	21:29:11
21:32:27	21:35:44	21:39:00	21:42:17	21:45:34
21:48:51	21:52:08	21:55:26	21:58:43	22:02:01

22:05:18	22:08:36	22:11:53	22:15:12	22:18:29
22:21:47	22:25:04	22:28:22	22:31:40	22:34:58
22:38:15	22:41:33	22:44:50	22:48:09	22:51:26
22:54:45	22:58:04	23:01:22	23:04:40	23:07:58
23:11:15	23:14:33	23:17:50	23:21:08	23:24:25
23:27:44	23:31:01	23:34:19	23:37:36	23:40:55
23:44:12	23:47:30	23:50:47	23:54:05	23:57:22
0:00:40	0:03:57	0:07:14	0:10:31	

0 ERRORS

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