```
-------------------------------------------------------------------------------
                    Mauna Loa Solar Observatory Observer's Log
-------------------------------------------------------------------------------
            Sun Sep 23 16:48:14 GMT 2007
Year: 07  Doy: 266
Observer: yasukawa
WEATHER COMMENT: Sun Sep 23 16:49:15 GMT 2007
In cirrostratus overcast, S wind 8 mph, temp 47 F.
___end___
MKIV COMMENT: Sun Sep 23 16:49:45 GMT 2007
Swapped returned MVME162-023 into KCC.  Need to set clock to start, need to
figure out how to do that yet.
___end___
Sun Sep 23 16:55:10 GMT 2007    PICS      Start Patrol
Sun Sep 23 16:57:04 GMT 2007    CHIP      Start Patrol
**MKIV PROBLEM**: Sun Sep 23 17:03:12 GMT 2007
Replacement board did not come up.  SST returned it with instructions
that 'CLOCK IS NOT TICKING' Use: >SET mmddyyhhmm'
Did that but got the following messages:
WARNING:  Configuration Data Failure (Invoke 'ENV' Command)
WARNING: Board Configuration Data Failure
MPU Clock Speed = 25 Mhz
162-Bug>
Not sure how to proceed from here.....  Need to do a very short observing day
due to a prior commitment.  Swapping the old processor board back into
KCC until we can understand how to set up the board sent back by SST.
___end___
PSPT COMMENT: Sun Sep 23 17:20:05 GMT 2007
Starting up.
___end___
MKIV COMMENT: Sun Sep 23 17:21:13 GMT 2007
Working processor board back in KCC.  Started up normally.  Standing by
for cirrostratus to clear.
___end___
**PSPT PROBLEM**: Sun Sep 23 17:30:13 GMT 2007
Crashed homing guider, killed and restarted Startup.
___end___
PSPT COMMENT: Sun Sep 23 17:53:42 GMT 2007
Observing
___end___
Sun Sep 23 18:00:44 GMT 2007    CHIP      LSD
Sun Sep 23 18:02:10 GMT 2007    PICS      Flat
Sun Sep 23 18:02:26 GMT 2007    CHIP      End LSD
Sun Sep 23 18:02:32 GMT 2007    CHIP      BiasLSD
Sun Sep 23 18:03:23 GMT 2007    CHIP      End BiasLSD
Sun Sep 23 18:03:29 GMT 2007    CHIP      Bias
Sun Sep 23 18:04:19 GMT 2007    CHIP      End Bias
Sun Sep 23 18:04:24 GMT 2007    CHIP      ReStart Patrol
```

```
Sun Sep 23 18:04:24 GMT 2007     PICS     End Flat
Sun Sep 23 18:04:32 GMT 2007     PICS     ReStart Patrol
NICE PICSLIMB IMAGE: 1735
NICE CHIP     IMAGE: 1736
NICE PICSDISC IMAGE: 1734
Sun Sep 23 19:00:03 GMT 2007     CHIP     End Patrol
Sun Sep 23 19:00:12 GMT 2007     PICS     End Patrol
Sun Sep 23 19:03:29 GMT 2007
        MkIV
```