Mauna Loa Solar Observatory Observer's Log ______ Thu Dec 20 17:33:30 GMT 2012 Year: 12 Doy: 355 Observer: berkey WEATHER COMMENT: Thu Dec 20 17:42:28 GMT 2012 temp 34f, wind 10mph from south, light fog ice and frost on all windward surfaces above 10,000ft. Parking lot and boardwa lk very slippery end MKIV COMMENT BY BEN: Thu Dec 20 17:44:36 GMT 2012 Mk4 rack remote control power distribution strip failed to start up. Swapped it out for a similar spare on sight. The ne w strip wouldnt fit perfectly in the location of the old strip; and as such sticks out of the pack of the cabinet a few in ches. end MKIV COMMENT BY BEN: Thu Dec 20 18:16:02 GMT 2012 1/2 wave retarder motor re-wired adn spinning. end Thu Dec 20 18:18:00 GMT 2012 MkIV Thu Dec 20 18:26:37 GMT 2012 MKIV Start Patrol MKIV COMMENT BY BEN: Thu Dec 20 18:25:56 GMT 2012 Taking one "dark" scan, dome closed mk4 shutter closed. To test if we have barrel rotation back again. end MKIV COMMENT BY BEN: Thu Dec 20 18:27:30 GMT 2012 Looks like barrel rotation is tied to retarder rotation, everythign is moving now end Thu Dec 20 18:32:50 GMT 2012 End Patrol MKTV Thu Dec 20 21:30:43 GMT 2012 MkIV NOTE BY BEN: Thu Dec 20 21:31:36 GMT 2012 Fog still thick around the observatory end Thu Dec 20 21:31:50 GMT 2012

18 26.rawmk4 18 29.rawmk4

MkIV