Work Report (period 1.10.2013 to 31.10.2013) by RRU

1. Tested setting control bit by connecting test jig in C03 antenna test set up with the help of MBM by both GUI & terminal input.

2. Explored Ethernet broadcast & circulated document.

3. Implemented state machine logic in Online_v2 where Online_v2 will not crashed by any malfunctioning at antenna side like power shutdown, cable unplugging, ERROR in reading MCM response. Whenever Online_v2 detects any of these, it kill that particular antenna device thread by calling terminate_thread function. All this test condition tested in Lab as well as C03 antenna. Implemented the terminate_thread function in Online_v2 which takes care of terminating the thread.

4. Generated plots for experiment using GNU plot.
   plotted various data point like
        1. Time between command & response
        2. Time between two successive monitoring packets.

5. Done the modification in mcmtest.c program as per FE group request.

6. Reconfigured whole Lab network setup for Online_v2 development including teleset machine, incms machine, N/W switch.
   After N/W reconfiguration 1 second back ground monitoring has been working fine .

7. Performed GCC duty as per GCC schedule.