Meeting 3rd March 2015

What has been done :

- ✔ Most of the code for Online‗v2 core software is ready.
- ✔ Online‗v2 has been tested with Lab set of 8 MCM card for last 2 & half year without any problem.
- ✔ Online‗v2 has been integrated with QT/QML GUI as well as Python environment.
- ✔ Online‗v2 has been tested in Antenna C06 with sub-system sentinel & OF during April MTAC 2014.
- ✔ Online‗v2 has been tested with GWB correlator during April MTAC 2014.
- ✔ Online‗v2 has been tested in Antennae C00, C04 & C06 with sub-system Sentinel & OF during October MTAC 2014.
- ✔ Online‗v2 has been tested with Front-End and GAB system in respective labs.
- ✔ Online‗v2 has been tested with One rabbit card configured as two sub-system.
- ✔ Online‗v2 has been tested with servo system PC104 card in servo lab as well as in C01 antenna.
- ✔ Online‗v2 has been tested with FPS system using rabbit card over serial link in FPS lab.
- ✔ Shared memory client program has been written which reads all commands & responses from all running threads.
- ✔ Round trip time test has been done for Online‗v2-MCM command-response.

What needs to be done :

- ✗ NOVAS library calculation for astronomy has to be implemented.
- ✗ Qt/QML GUI has to be completed for 30 antennae, FPS system & servo system.
- ✗ Through testing of Online‗v2 with all sub-system has to be done.
- ✗ Performance tuning & optimization for Online‗v2.

April 2015 MTAC testing

- ➢ We will try to test 30 antenna system with L2 switch in the antenna base with 1 or 2 MCM card connected to it.