

**Minutes of Meeting  
GMRT**

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<b>Meeting</b>	<b>Meeting related to In House CMS development</b>
<b>Held on</b>	<b>1<sup>st</sup> APRIL 2014 Time : 15.00 PM to 15.30 PM , GMRT conference room,NCRA board room</b>
<b>Attendees</b>	<b>NGK, SN,CPK,SNK, DBB,NMS &amp; RRU</b>
<b>Agenda</b>	<b>In House CMS development</b>
<b>Highlights and items discussed</b>	<ul style="list-style-type: none"> <li>◆ CPK updated that Mr. Mangesh has installed two N/W switch in Telemetry Lab configured as Lab (192.168.8.X) and antenna (192.168.21.X) switch. <ul style="list-style-type: none"> <li>- Received two Miltec PC from vendor.</li> <li>- total 70 MCM cards have been tested.</li> </ul> </li> <li>◆ NMS updated that RF system has been successfully interfaced with New MCM card. Complete Online_V2 chain used to tested the control part of optical fiber unit. Spectrum analyzer was used to see the output. Both channel tested. <ul style="list-style-type: none"> <li>- Bit pattern of RF system implemented inside MCM program.</li> <li>- Ping functionality is also implemented inside MCM card.</li> </ul> </li> <li>◆ DBB updated that <ol style="list-style-type: none"> <li>1) Interfaced Python Environment with Online_V2.</li> <li>2) Implemented two commands related to setting of attenuation of optical fiber system and digital mast of sentinel system.</li> <li>3) current version of astroPy doesn't support LST calculation. Will try Beta version of astroPy.</li> </ol> </li> <li>◆ RRU updated that <ul style="list-style-type: none"> <li>- Interfaced Python Environment with Online_V2 &amp; successfully tested by giving command to S04 MCM card configured as Fiber Optics system.</li> <li>- Multi antenna can be given commands from Python environment.</li> <li>- Shifted all N/W connection on new N/W switch in Lab. Connected PC104 card directly with Online_V2.PC104 card was on antenna switch by assigning IP 192.168.21.100. It's working fine with Online_V2 without any problem.</li> </ul> </li> <li>◆ Nayak ji updated that <ul style="list-style-type: none"> <li>- Long term plan for testing Online_V2 with full antenna sub-system was asked in GSG meeting.</li> </ul> </li> <li>◆ NGK updated about points related to Telemetry Lab discussed in GSG meeting <ul style="list-style-type: none"> <li>- Extra MCM cards requirement cleared by YG. CPK can put indent for extra MCM cards.</li> <li>- FPS group is not interested in using MCM card for FPS system.</li> <li>- Summary of MCM card to be sent by CPK/NMS to FPS group.</li> <li>- In meeting it was agreed upon that our main focus will be Sentinel,OF &amp; servo system, Once we are through with these development &amp; testing we will start working on interfacing other system by writing some interface layer software, developing hardware.</li> <li>- NGK will be in GMRT on 4<sup>th</sup> April as well as on 10<sup>th</sup> &amp; 11<sup>th</sup> April.</li> </ul> </li> </ul>