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## Minutes for AMiBA Engineering Telecom 20070111, UTC 1:00

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Regular Meeting Time: UTC 1:00 Every Thursday

CT, Chia-Hou, Joshua, Johnny, Hiroaki, Homin, Johnson, Eugene, MTC, Ted, Suwei, Pablo, Pierre, Peter, Derek, Paul\_H, Paul\_S, Lai

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- The Current Issues: (with some last-meeting update)
    - (0111) Correlator, missing 9 baselines. CT commented likely a problem related to power divider. Will be checked.
    - (0111) Autoscript & a-boss:
      - Michael suggest to cross check pointing information (Az,El,RA,Dec) with VA\_AMIBA log files which record the actual hexapod/pointing information sent to Vertex machines. Keiichi was doing that -- we need to check on-source timestamps and coordinates when analyzing data.
    - (20061228) DC offset is around few hundreds counts and varies. CT would work on electronic to resolve the issue before adopting another switching method.
    - (2006 1019) Patrick: 2<sup>nd</sup> OT mounted. Ready for testing. GC will run optical pointing test.
  - (0111) CT sent out a nice document on correlator system and operation. Would be a good reference for site operations correlator.
  - 1.2 m dish:
    - (0109) Philippe updated 1,2 meter antenna model. Need feasibility information from vendor.
  - (0108) Calibration system meeting: Organize the team a bit. Lack an overall plan on how to proceed. Pierre to prepare a work plan in two weeks.
  - (20061113) Photogrammetry. No update.
    - Modeling the deformation based on the new set of photogrammetry data. (Ted &/or Philippe)
    - (1106) Ted sent out a draft report is out to Philippe for review. Would circulate once clear with Philippe.
    - (1106) Michael K. stressed the importance of understand the 4-fold symmetry in platform deformation, for the future implementation of the resolution.
  - (20061019) Scanner system on top of the platform for near field beam pattern measurement. System is in preliminary phase. Su-wei and Eugene are working on this.
  - (20061019) Prot: Data server arrived. John Cheng was helping setting it up.
  - Pending Issues:
    - (20061228) Shelter operation was still not final. Continue manual-servo operation.
      - (1130) M1 & M2 load-cell installed. Ran into problem with M3. Mechanical interference between load-cell and truss. Pending further discussion with Ted on solution. Will test M1 and M2, plus PLC control at the moment.
      - (1026) No update on installation of transit voltage sensor (TVS) for surge protection.
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Traveling Schedule to Hilo:

Su-wei: 11/23 – 02/02/07

Mark Chen: 1/11 – 2/12/07

Prot: 1/12 – 2/12/07

Locutus: 1/11 – 2/11/07

Homin: 1/25 – 2/8/07

Ken: 1/27 – 4/21/07

CT: 1/19 – 2/12/07

Chia-Hou: 3/1 – 4/1/07

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Please contact MTC for managing this mailing list