

Minutes for AMiBA Engineering Telecon

Meeting Date: 31-March-2005

Participants:

Australia:

USA: Johnson, Kyle

Taiwan: M.T., Homin, Ted, C.T., Pierre, Steven, Chao-Hao, Phillip, Joshua, West

USA Dial-in = 1-800-653-5390, 6668081#

Outside USA Dial-in = 1 773 843 6301

Minutes Recorder: Steven

I. New Action Items:

II. Previous Action Items (still open):

III. Closed Action Items (as of this meeting):

IV. Miscellaneous Discussions:

Platform:

M.T. - We are waiting for the interface ring for assembly. We have no further news from Vertex. **Patrick** - We should test the oscillation when we get the control software from Vertex. We have some manual and guideline for the operation. **Phillip** - When Stephan comes back, we should discuss with him about the operating procedure. **M.T.** - I will also discuss with Michel about this issue.

Helium line:

Joshua - We test it yesterday and the compressor and cold head sounds very strange. So we stop the compressor immediately. Tashun also thought it is strange. **M.T.** - As Tashun will leave soon, Chao-Hao should follow up the testing work.

48V power distribution:

Joshua - It is almost done. I hope it can be done by next week. Also I had get the lightening protection parts from vendor. **M.T.** - what will we do in Hilo?

Joshua - I will have installation direction for people in Hilo including the terminal box on the platform. We also need the cables from terminal box to each Rx. Also we have connectors. **M.T.** - Joshua and Chao-Hao should come to Hilo in next few weeks.

Dish:

M.T. - No update.

Correlator:

C.T. - First I need to know if we have any conclusion about the breaket. Ted - I discuss with West about the improvement of the design. It should be a easy work. **C.T.** - The shipment documents.

Calibration System:

Kyle - No update.

LO/IF:

Steven - The #7 pin switch is broken. I might need to replace it. It will take about one week. Also I have problems about the power difference. The result is very different between VNA and power meter. The biggest one is about 0.8dB.

Johnson - We have some problems in installation and I will bring the old version cover back to Steven for rework. **Kyle** - We suggest to separately the LO cable into two parts. It would be easier to maintaining and installation. **Steven** - I think it is a good design. Also I would like to inform you that we don't have to remove any cover during installation.

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Receiver:

Johnson - We had tested the LNA and find out the reason of current issue on Rx3. I think the voltage did not drop. I think it is caused by the LNA failed.

Site:

Ted - I am working on the fence. **Phillip** - Beside the fence, we should work on the lighting protection.