寄件者: "Chao-Te Li" <ctli@asiaa.sinica.edu.tw> 收件者: "Ming-Tang Chen" <mchen@asiaa.sinica.edu.tw>, "Dr. K.Y. Lo" <kyl@asiaa.sinica.edu.tw>, "Patrick M. Koch" <pmkoch@asiaa.sinica.edu.tw>, "T.H. Chu" <thc@ew.ee.ntu.edu.tw>, "Chia-Hao CHENG" < chchang@asiaa.sinica.edu.tw>, "Debbie Kenui" <dkenui@sma.hawaii.edu>, "Derek Kubo" <dkubo@sma.hawaii.edu>, "Eugene Hwang" <yjhwang@asiaa.sinica.edu.tw>, "Heui Wang" <hueiwang@ew.ee.ntu.edu.tw>, "Hiroaki Nishioka" <nishioka@asiaa.sinica.edu.tw>, "Homin Jiang" <homin@asiaa.sinica.edu.tw>, "Jackie Wang" <jackie@asiaa.sinica.edu.tw>, <jbp@cmu.edu>, "Jeremy Lim" <jlim@asiaa.sinica.edu.tw>, "Jiun-Huei Proty Wu" <jhpw@phys.ntu.edu.tw>, "Johnson Han" <cchan@asiaa.sinica.edu.tw>, "Joshua Chang" <shchang@asiaa.sinica.edu.tw>, "Ke-Jung Chen" <ken@asiaa.sinica.edu.tw>, "Keiichi Umetsu" <keiichi@asiaa.sinica.edu.tw>. "Kyle Lin" <kylin@asiaa.sinica.edu.tw>, "Locutus Cardassia!" <r91222042@ntu.edu.tw>, "Mark Birkinshaw" < Mark.Birkinshaw@bristol.ac.uk>, "Michael Kesteven" < mkesteve@atnf.csiro.au>. "Michelle Kobayashi" <mkobayas@sma.hawaii.edu>, "Paul Ho" <ho@cfa.harvard.edu>, "Paul Shaw" <pshaw@asiaa.sinica.edu.tw>, "Peter Oshiro" <poshiro@asiaa.sinica.edu.tw>, "Philippe Raffin" <raffin@asiaa.sinica.edu.tw>, "Pierre Martin-Cocher" <pierre@asiaa.sinica.edu.tw>, "Su-Wei Chang" <swchang@asiaa.sinica.edu.tw>, "Ted Huang" <ydhuang@asiaa.sinica.edu.tw>, "Tzi-hong Chiueh" <chiuehth@phys.ntu.edu.tw>, "Warwick Wilson" <wwilson@atnf.csiro.au> 主旨: AMiBA Telecon Summary 20060802 日期: Fri, 4 Aug 2006 13:03:14 +0800 This is a multi-part message in MIME format. Dear Colleagues,

a brief summary from yesterday's meeting (my laptop hd failed) -

1. testing/MLO -

a. will finish moving rxs to the compact configuration next week, rxs are mechanically

aligned with tilt meters within 0.1 degree.

b. still need to debug rx1 and 6 (no fringes from last sun scan),

c. corr box #2 (RR box) is fixed after replacing a failed fuse,

d. CT will go to Hilo on Aug. 8 to work on correlator, it will take about 2 weeks

e. after rx and corr debugging, will do sun scan to verify delay related to rx 1,6, and 7

f. expected to mount the dishes in the last week of Aug.

g. people (Ted, Johnson, Joshua) will come back to Taipei around end of Aug, the goal

is to have everything working by the end of Aug so that science people can take

images of planets in Sept., engineering team will come back around Sept 18 to

wrap things up, technical support in early Sept is not clear (Peter and Ken?)

2. 1.2m dish -

people are concerned with the sequence that Along processes the dishes, i.e. whether they polish the dish after coating? how is the surface and coating without the primer? protection layer (SiO2 or else)? how is the 2nd mirror? new baffle design.... people will visit Along, as well as the coating company

next week.

3. problem list -

Patrick discussed the problem list (as attached). please feed back to him. it's suggested to move grxmon and lightning protection to mid-term.

- compressor: keep-alive

- phsw: fix

- correlator: synchronization

- grxmon

- sun scan: tp not smooth - needed for rx alignment

- sun fringe compensation cable test/fringe strength

- lightening protection

mid-term

- phsw: spare, protection, why failure?
- OT box, why failure?
- 1.2m dish: coating, protection layer, OT holder
- photogrammetry: when, detailed list of positions
- pointing: goal 10" achievable?
- 2nd data pipeline

- lag2vis optimization
- system stability: phase
- ground pickup
- noise analysis
- grxmon
- calibration source: manpower, couple signal into both polarizations?
- cooling: new correlator frame including cooling
- personnel: 2nd operator
- documentation, web (introduction)

long-term - towards 13 element

- platform: weight supporting ring
- documentation, web (more detailed)
- AMiBA website