Subject: [allemploy] BIWEEKLY CALENDAR OF THE ALMA PROJECT at NRAO
From: "Al Wootten" <awootten@nrao.edu>
Date: 7/10/2004, 6:58 PM
To: "allemploy" <allemploy@nrao.edu>, "ALMA Calendar List" <alma-info@nrao.edu>

BIWEEKLY CALENDAR OF THE ALMA PROJECT at NRAO
July 5 - July 19, 2004

**********THIS BIWEEK**********
Upper management meets in London for discussions of Japanese entry into the Project

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A minimini ALMA Week, involving IPT Leads, will be held in Charlottesville during the last part of the last week in September.

The ASAC will meet in Charlottesville on 27-28 September.

The Computing IPT holds its second Critical Design Review in Boulder. Committee members include Doxsey (Chair, STScI), Peter Quinn (ESO), Steve Wampler (NSO), Dave Silva (ESO), Nicole Radziwill (NRAO), Dick Sramek (NRAO), John Richer (Cambridge), Tom Wilson (WSO) and Al Wootten (NRAO).

NA Project Management announced that the NA LO Group has been recombined with the BE IPT.

Past issues of this Calendar may be viewed at
http://www.cv.nrao.edu/~awootten/mmaimcal/ALMACalendars.html
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General Happenings

Chile Contracting for the foundation package of the AOS building is under way. The Design Development drawings and specifications (85% complete) for the antenna stations at the AOS, prepared by M3, are being reviewed.

TUC Construction of the RF Simulator is continuing. Despite reports in The Point Source, Simon Radford still works in Tucson. However, relocation of the front end IPT staff from Tucson to the NTC is largely complete.

NAASC Planning for this facility proceed.

NTC The assembly of the first pre-production cryostat was

completed one week ago in the U. K. modified B6(1.3mm) mixers (to improve sideband rejection) have been installed

in the cartridge
assembly and will be tested next week. The
physical infrastructure
of the North American integration center is
close to complete.

AOC The BE IPT is proceeding with the re-design of the TP

digitizer to address new requirements given at the
CDR:-design to
accommodate 100% efficiency,
boxcar integration, and faster readout requested
during BE IPT CDR. Change requests approved include:
o Change Cold Multiplier Ratio in Band 9 from X5
to X6 (ALMA-40.10.04.00-001-ACRE)
o Request to extend upper frequency limit on band 7

(ALMA-40.02.07.00-003-A-CRE)
o Inclusion of 90d phase switching in the ALMA
first LO (ALMA-56.00.00.00-001-ACRE)

DAILY CALENDAR (Times EDT)
Mon 05 All day event: NRAO Holiday
Tue 06
10:30 AM-12:00 PM: JAO/IPT Teleconference
4:00 PM-5:00 PM: 4:00 PM-5:00 PM: NAScienceIPT teleconference
(open to all interested
parties)(434)296-7082
Agenda: http://www.cv.nrao.edu/~awootten/mmaimcal/
Wed 07
All day event: NRAO-ALMA Project Meeting
10:30 AM-12:00 PM: ASAC Teleconference
Thu 08
All day event: Computing CDR2
All day event: ALMA Japanese Meeting
8:30 AM-10:00 AM: JAO Teleconference
Fri 09
All day event: Computing CDR2
Sat 10
All day event: Computing CDR2
Mon 12
1:00 PM-2:30 PM: NA DH Teleconference
Tue 13
Wed 14
11:00 AM-12:00 PM: Software Science Req. Group Teleconference
Thu 15
8:30 AM-10:00 AM: JAO Teleconference
Fri 16
Sat 17

********** UPCOMING EVENTS **********
#ALMA Calendar

* 8-10 July -- Software IPT CDR 2, Denver, Colorado
* 5 August -- ALMA Board Telecon
* 24 September -- ALMA/EU Meeting, Garching
* 27-28 September -- ASAC face-to-face meeting, Charlottesville
* 28-30 September (TBC) -- miniminiALMA Week, Charlottesville
* 11-12 Oct -- AMAC Meeting, Florence, Italy

********** TECHNICAL NEWS **********

Simulations of the Effects of 1/f Gain Fluctuations on Measuring
Linear Polarization with Linear Feeds on ALMA by M. A. Holdaway (NRAO)
Abstract: Through polarization imaging simulations in aips++ which do
not include instrumental polarization leakage of phase errors, we
determine that 1/f gain fluctuations of magnitude 1e-3 in 300s will not

prevent us from obtaining the fractional polarization specification of
0.001 for images of intermediate complexity. In very complicated
objects, we expect there will be a limitation on the fractional
polarization of weaker pixels.

View a PDF copy of this Science IPT Study at:
http://www.cv.nrao.edu/~awootten/mmaimcal/polreport2b.pdf

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Please send information for upcoming calendars by Friday evening of the
preceding biweekly period to Janet Bauer or Al Wootten via e-mail
(jbauer@nrao.edu or awootten@nrao.edu).

The calendar will be issued between late Friday and sometime on Monday
by e-mail to all NRAO scientific staff members and anyone else
interested. A specific mailing list, alma-info, has been created for
anyone wishing to receive it. Past issues are now available at
http://www.cv.nrao.edu/~awootten/mmaimcal/ALMACalendars.html

Attachments:

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