

The Ninth
Second Harmonic RF/Low Output-Impedance Amplifier Collaboration
Meeting
Argonne National Laboratory,
June 14-15, 2004

Agenda

Monday June 14th, 2004

Rm A5000, Building 401

8:30-8:45 AM Coffee
8:45-9:00 AM Welcome and Introduction—Bob Kustom and Gerry McMichael

Progress reports

9:00-9:30 AM Adrian Morris—Status of the 2nd Harmonic RF Project at ISIS
9:30-10:00 AM Yoshiro Irie—LOI status at ISIS
10:00-10:30 AM Gerry McMichael—The IPNS RCS third rf cavity progress report

10:30-10:45 Break

Technical presentations, Rm A5000, Building 401

10:45-11:15 AM Ian Gardner—Progress of 2RF into synchrotron
11:15-11:45 AM Mark Middendorf—Details of the IPNS Third Cavity rf system:
Integration of the Driver, Final, and Cavity

11:45 AM-1:15 PM Lunch Break

1:30-2:15 PM Tour of the IPNS and Third Cavity RF Test-Stand, Rm E101, Building
360 (MCR)

Technical presentations, continued, Rm A5000, Building 401:

2:30-3:00 PM Yoshiro Irie—Integration of the LOI amplifier at ISIS
3:00-3:30 PM Doug Horan—IGBT grid switcher for the KEK/ISIS LOI Amplifier
3:30-4:00 PM Geoff Pile—DTI 100kV/100A opening switch work at the APS

4:15-5:15 PM Tour of the APS Accelerator and RF Test Stand

6:00-7:30 PM Dinner

Tuesday June 15th, 2004

Rm A5000, Building 401

Technical Presentations

8:30-9:00 AM Coffee

9:00-9:30 AM Shaoheng Wang—Second Harmonic RF Studies at the IUCF

9:30-10:00 AM Jeff Dooling—Second Harmonic capture in the IPNS RCS: Transition from SH to fundamental rf operation during the acceleration cycle using CAPTURE_SPC.

10:00-10:15 AM Break

10:15-10:45 AM Mike Glover—Low Power RF/electronics

10:45-11:45 AM All—General discussion of high power RF, including PS issues

11:45 AM-1:15 PM Lunch

1:30-2:15 PM All—Plan of Low-Impedance Amplifier work in the MICE Hall

2:15-3:00 PM All—Discussion of second harmonic physics collaboration program—schedule of work at ISIS, Argonne, and KEK/ JAERI

3:00 PM Adjourn