

## 2/14/06 IPG Meeting Agenda

## Attendees:

Carla Beaudet, John Ford, Wesley Sizemore, Chuck Niday, Randy McCullough, Roger Norrod and Paulette Woody

- Public Awareness Campaign Meeting 1/18/06 (initiatives for various zones, as noted)
  - Cara, Sue Ann, Mike attended special meeting.
  - Good participation from all parties.
  - Materials, such as brochures and signage, being prepared.
  - Onsite literature being prepared. Locations of signage were discussed.
  - Community brochures available soon.
  - Bill Saxton instrumental in literature preparation.
- Zone 1 progress (Radio Astronomy instrument zone)
  - ITU-R RA.769 measurement practicality discussed at USWP7D meeting  
Attendee: Carla Beaudet

The paper indicated that it was easy to measure to these limits. Carla provided a different incite in regards to measured bandwidth.

- GBT Actuator Controller Covers
  - Hardware purchased; need tech time  
Problem: Hardware awkward to put cover in place.  
A technician will need to be assigned to this project.
- SBRS and LENS (Rich Bradley) Projects
  - Screened box
  - July cleanup planned for OVLBI trailer (Weadon, Radcliff, Langton, Chestnut)
    - July: Scheduled shutdown and removal of non-essential equipment.
    - All other equipment will be mitigated to onsite IPG standards.
- EOR (Don Backer, Rich Bradley) Project
  - Currently shut down; will be mitigated prior to installation
    - Equipment is currently in shut down.
    - New version of this project is being scheduled for mitigation.

- MITLL Project
  - Working on trailer improvements
  - PLC and computer systems for 43m scope mitigated
    - Replaced bulkheads (Carla and Wesley).
    - Trailer has been determined to be a source of RFI.
    - Intentional radiator sources were identified.
    - MIT and NRAO-GB staff is working together to resolve RFI issues.
  
- Zone 1 signage being developed
  - Part of the Public Awareness Campaign
  - Signs placed on all access roads, Science Center, housing facilities, etc.
  - Make information part of tours and onsite group functions.
  - Signage details what type of device(s) are not acceptable to bring onsite.
  
- MOU rider sent to Richard for review
  - MOU rider composed for review by IPG members.
  - Will be provided to Richard Prestage for review and approval.
  - If approved, it could be part of the information packet provided to observers.
  
- Zone 2 (Jansky Lab and all housing areas)
  - On/Off test of Jansky Lab PC's w/ spectrometer (John, Rich)
    - Preliminary testing scheduled for this Thursday.
  
  - Signage for visitor center, residence hall, dormitories, Hannah House
    - Different signage from that of Zone 1
      - To further the education of the general public, a RFI cage for demonstrating RFI from hand-held devices, will be built for use at Science Center.
      - Oasis has offered to provide spectrum analyzer.
  
  - Policy sheet for Visiting Scientists and Summer Students (also covers Zone 1)
    - To be made available in upcoming informational packets.
  
  - Time-O-Matic Sign
    - Device has yet to be provided for mitigation.
    - Special construction requests have been made of the vendor.

- Compact fluorescent installation underway in tour center
  - Fixtures being currently being worked on.
- Zones 3, and 4 (Community within the 10 mi radius of the Observatory)
  - 900MHz wireless devices various responses to our requests for shut-down. Need to discuss:
    - When contacting the public, should we request permanent discontinuance, or duration of GBT observation shutdown plus shutdown whenever interference occurs
    - Need for Operations Support.
      - Had considerable discussion on the following topics:
        - Community cooperation
        - Documentation of RFI sources within the 10 mile radius
        - Operator cooperation and/or support
        - Contingency plan if operations will not participate in proposal
        - Education of general public regarding Quiet Zone rulings considered a priority
        - Options regarding legal enforcement of current laws
        - Review of the WVC 37A-1 Radio Astronomy Zoning Act
        - Confidentiality of information
        - PR campaign and community education
  - Citizens/Frontier Communications Letter (Wes)
    - Discussion on the following topics:
      - GB has had a letter to Frontier for review and distribution to new DSL customers
      - Frontier is providing wireless capable modem for internet
      - Frontier has indicated that they will disable the wireless function
      - Frontier has indicated that they would like to partner with GB
      - Carla would like current NRAO letter modified. Original letter composed by John Ford and Wesley Sizemore.
      - IPG would like to work more closely with Frontier's PR office.
      - A new letter will be provided to Wes to provide to Frontier for distribution
- Zone 5:
  - Wes? Paulette?
    - Numerous governmental assignments received.

- Some local businesses found to have non-compliant devices
- Working on a more cooperative spirit with all NRQZ applicants
- Numerous challenges of the QZ as most
- NRQZ template is in the works to more streamline
- FCC 20 day timeline issues need to be discussed regarding to the NRQZ office not being notified at the same time. Due to automation of the FCC, notification of filings and filing issues are not being communicated to the NRQZ office. If the FCC does not respond regarding NRQZ issues, an official letter will be sent expressing these concerns.
- Letter to coordinators regard the NRQZ office as a coordinator in regards to application processing
- Cellular applicant had a site operational without NRQZ coordination. A letter will be drafted since this applicant is a repeat offender indicating that if this would occur again, the NRQZ office will seek the guidance of the FCC.
- There are six DHS assignments tabled since 06/05 due to the classification of transmitters. Working with applicant, NSF and DHS to resolve this issue.
- A ground radar station is requesting a power increase. It is under review with the assistance of the GB/CV staff. A dialogue is underway with the NSF and applicant.

Final notes:

- Carla Beaudet and Roger Norrod, new Electronics Division head, will review IPG policy and Frontier DSL letter.
- An all-hands meeting to be scheduled to explain the IPG policy.