



Federal Communications Commission
Washington, D.C. 20554

May 22, 2012

Ms. Marlene H. Dortch, Secretary
Federal Communications Commission
445 12th Street SW
Washington, DC 20554

Re: Consumer Information and Disclosure Public Notice CG Docket No. 09-158, CC Docket No. 98-170, WC Docket No. 04-36,

Dear Ms. Dortch:

On May 16, 2012, ISPs and representatives of other organizations and companies met with members of the Commission to discuss issues associated with the Commission's 2012 broadband measurement and performance program in the ng Measurement Architecture Standardization and Outreach Group. The meeting focused on discussion of a draft document for the group describing the mission statement, potential performance metrics and high-level architecture, as well. A full list of meeting attendees is attached to this filing.

James Miller and Walter Johnston of the Office of Engineering and Technology opened the meeting by reiterating the goals of the group as the support of standards development work in the area of broadband measurement metrics, by leveraging the experiences gained in the Measuring Broadband America program. Mr. Johnston discussed that the document circulated at the April 25 meeting was intended to describe the high level goals of the effort and develop specific input to aide IETF, Broadband Forum and other standards groups' work in the area. Mr. Miller and Johnston discussed global trends demonstrating interest in industry and among regulators in harmonizing high-level approaches to broadband performance measurement focusing on basic elements common and open to standardization.

Participants discussed a need to rework the document circulated at the April 25 to focus on business cases and regulatory requirements, and Mr. Johnston suggested circulating an outline identifying the high-level goals of standardization efforts. A broader document could facilitate other specific standards efforts in other venue. Several participants commented that any standards developed should be guided by an emphasis on evolvable, basic elements that utilize a common and open platform. Others discussed that the mission statement should set out the important elements for the architecture and focus on business requirements and key regulatory, industry, or academic use cases. Key considerations for defining business requirements and use cases were discussed. Participants emphasized the importance of flexibility, ability to leverage of multiple interests and stakeholders, ability to leverage common metrics, and adaptability to changing needs. It was noted that standards in the area should be sufficiently flexible to address specific use cases and network considerations, such as privacy, security, network load.

Participants discussed that revision of the document would focus on use scenarios and requirements referencing such as the Measuring Broadband America Program, the Connect America Fund reforms, and other third-party non-government measurement efforts by such as Nielsen and Consumer Reports. It was also proposed that a revised document should state the highest priority concerns first, namely to ensure that no breaches of customer information occur, and no harm to carriers networks and the Internet occur. The document should frame the scope of requirements and elements that would be out of scope. Others discussed the need for a description of reference connections, and canonical reference test points. Activities in the Broadband Forum and possible interplays with ongoing work were also discussed a useful reference points for a revised document.

Representatives of Nixsun proposed making a presentation at the next meeting on the technical opportunities for the use of passive techniques in measuring broadband performance. Other participants supported reviewing passive approaches and a discussion of the potential cost and economic value of passive approaches and tradeoffs with active testing approaches. Walter Johnston noted that given the short time frame of meetings, the level of detail of a presentation would have to be limited, but suggested reviewing the topic for a future meeting agenda.

The group meeting concluded with discussion of logistical points for the next meeting planned for June 6, 2012.

Sincerely,

A handwritten signature in black ink, appearing to read "Walter Johnston".

Walter Johnston, Chief
Electromagnetic Compatibility Division/OET

Attendees

Name	Organization
Tom Anschutz	ATT
Ken Koh	Adtran
Jeb Benedict	Centurylink
Michael Bugenhagen	Centurylink
Russ Gyurek	Cisco
James Miller	FCC
Jose Trevino	FCC
Walter Johnston	FCC
Meredith Whittaker	Google/M-Lab
David Horne	Intel
Shane Amante	Level3
Steve Bauer	MIT
Jim Partridge	NCTA
Thomas Gideon	New America/M-Lab
Ariela Fish	SamKnows
Neil Campell	SamKnows
Sam Crawford	SamKnows
Jason Weil	Timewarner Cable
David Young	Verizon
Kitty O'Hara	Verizon