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## PLEASE REPLY TO:

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To: Members and Associates of IEEE G-2.1.6

From: Leon Stanger, Chair, Task Force “Defining Unit of Measure & Means of Calibration for Video Impairment”, and Alan S. Godber, Interim Chairman of IEEE G-2.1.6.

SUBJECT: **DRAFT STANDARD FOR THE MEASUREMENT OF VISUAL IMPAIRMENTS IN DIGITAL VIDEO USING A JND SCALE, P1486.**

At the meeting on May 11<sup>th</sup>, 2001 in Boulder, Colorado, the Subcommittee reviewed an advanced draft of a proposed standard with the subject title. Further revisions were made at the meeting.

This Draft Standard is the result of over two years of work by the Subcommittee and the Task Force led by Leon Stanger. In the past year, considerable effort has been contributed by Dr. Andrew B. Watson, in proposing significant improvements to the method and then by testing the method in his laboratory in Mountain View, California. The Standard would create a measurement scale for impairments to digital video, which would be usable by all 525 or 625 line system users. Future Standards will address additional line standards.

The Subcommittee requests comments on the proposed Draft Standard by Members and Associates of the Subcommittee. Anyone having an interest in this subject is invited to submit comments to the subcommittee. Send comments to Leon Stanger at [LStanger@compuserve.com](mailto:LStanger@compuserve.com) The deadline for comments is **Monday, June 18<sup>th</sup>, 2001.**

It is further proposed that additional testing of the method will take place at Dr. Watson’s laboratory in late July, using members of the Subcommittee as expert observers. Additionally, it is hoped that further testing of the method will be undertaken at other laboratories during the summer. It is then planned that if the method is confirmed to be satisfactory, the Draft Standard will be submitted for ballot by the Subcommittee, in early Fall.

The Draft Standard is to be found on the IEEE web site, <http://grouper.ieee.org/groups/videocomp/private/> . The User Name and Password for this private web site was sent to Members and Associates as part of an e-mail regarding the May 11<sup>th</sup> meeting sent by the Chairman on April 30<sup>th</sup>. If anyone does not have the User Name and Password, please e-mail Alan Godber or Doug Lung with a request for same. The reason to minimize the transmission of this information is to reduce the chances of undesirable SPAM on the IEEE reflector.

The next meeting of the Subcommittee is planned for Monday, July 9<sup>th</sup>, 2001, and possibly the morning of Tuesday, July 10<sup>th</sup>, 2001 in Minneapolis, Minnesota, adjacent to the T1A1.1 meetings. Comments from members and others will be reviewed at that meeting, and it is hoped that the Draft Standard will essentially be finalized at that meeting. Further details of the meeting will follow when arrangements have been made. Documents for G-2.1.6 can be found on the Web at [www.ieee.org](http://www.ieee.org). Then select “IEEE Organizations”, “Standards”, “Working Group Areas”, “Broadcast Technology “Video Compression (Digital ) Measurement (P1486)”. Alternatively you can select <http://grouper.ieee.org/groups/videocomp/index.html>