Preliminary Report Drafting Group

Sections of the document
      1.0 Executive summary
      2.0 Introduction
            Scope of this report
            Scope of forthcoming final report
      3.0 Model descriptions (1/ 2 page on each method)
      4.0 Test methodology (short, mostly tables, reference subjective test plan)
            Sources
            HRCs
            Number of subjects
            Labs
            DSCQS
            Normalization of sequences
      5.0 ILG subjective testing facilities
            Display set-up
            Viewing conditions
            Distribution systems
            Data collection
      6.0 Data analysis introduction
            Summary of analyses (reference John Libert's report VQEG 15)
            Summary table for all results
            6.1 Subjective data analysis (graphical summary)
                  Plots of mean DOS (computed across all subjects) vs. HRC for 50Hz low,
                        50Hz high, 60 Hz low, 60 Hz high
                  ANOVA table
                  Overlap of HRCs (high/low) analysis (ANOVA or comparison of means)
                  Post-hoc tests
                  Lab to lab correlation table
                  Lab effect – Arthur's graph of lab means vs. global means
            6.2 Objective data analysis (reference objective test plan)
                  4 metrics from objective test plan on whole data set, including PSNR
                  other interesting statistics (HRC exclusions, 4 quadrants: high/low,
                      50Hz/60Hz)
      7.0 Proponent comments (1/2 page from each proponent)
      8.0 Schedule for completion of final report
      9.0 Conclusions

Breakdown of section 6.2 Objective data analysis

Reference objective test plan
4 metrics (each page contains graphs of 4 metrics for each model (format of graphs to be determined)
   and a table of the metric values for each model)
      a.   all data: 1 page
      b.   high/low quality (50Hz and 60 Hz combined): 2 pages
      c.   50 Hz/60 Hz (high and low quality combined): 2 pages
      d.   4 quadrants: 50 Hz/high, 50 Hz/low, 60 Hz/high, 60 Hz/low: 4 pages
      e.   no HRC 1 (all data)
      f.   no HRCs 15 and 16 (all data)
      g.   no HRCs 11 and 12 (all data)
      h.   no HRCs 1, 11, 12, 15 and 16 (all data)
      i.   MPEG HRCs only (all data)

Responsibilities

Ann Marie Rohaly has responsibility for assembling entire document.
Section 1:
Section 2: John Beerends
Section 3: proponents
Section 4: Laura Contin and Phil Corriveau
Section 5: Laura Contin and Phil Corriveau
Section 6:

      Beau Watson: Plots of mean DOS (computed across all subjects) vs. HRC for 50Hz low,
            50Hz high, 60 Hz low, 60 Hz high

      John Libert, Ann Marie Rohaly: ANOVA table

      John Libert, Ann Marie Rohaly: Overlap of HRCs (high/low) analysis (ANOVA or
            comparison of means)

      Laura Contin, Phil Corriveau: Post-hoc tests

      John Libert, Ann Marie Rohaly: Lab to lab correlation table

      Jeff Lubin: Lab effect – Arthur's graph of lab means vs. global means

      Beau Watson, Jeff Lubin, John Beerends: section 6.2

Section 7: proponents
Section 8: Laura Contin and Phil Corriveau
Section 9: