Codec workflow planning

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Codec WG goals

• Goal 1: bound codec application space -> define parameters of interest
• Goal 2: survey current codecs and works-in-progress
• Goal 3: define benchmark tools and performance goals
• Goal 4: qualify codecs, make choice(s)
Major activities

• Goal and milestone definition
  – Measuring success
• Development period(s)
• Quality / qualification process definition
• Selection criteria definition
• Evaluation milestone(s)
High level workflow

- Two phases of parallel codec development and qualification process development
- Second ‘tuning’ phase optional if all the stars align
Post – Anaheim activities

• MK to meet with SG16 members re codec activities
• Monthly conf call updates
Charter goals and milestones

- Mar 2010  Chairs update all milestone dates
- Apr 2010  WGLC on Codec Standardization Guidelines
- May 2010  Codec Standardization Guidelines to IESG (Informational)
- Jun 2010  WGLC on Requirements, liaise to other SDOs
- Jul 2010  Requirements to IESG (Informational)
- Aug 2010  Liaise requirements RFC to other SDOs
- Sep 2010  Receive information on suitability of existing codecs
- Dec 2010  Freeze codec structure, liaise to other SDOs
- Jun 2011  Finalize codec parameters, liaise to other SDOs
- Jul 2011  WGLC on codec specification, liaise to other SDOs
- Oct 2011  Submit codec specification to IESG (Standards Track)
- Nov 2011  Liaise codec RFC to other SDOs

Will update to reflect decided workflow
Logistic questions...

- Subversion codebase
- Publishing reference code
- Defining complexity benchmarks
- Procuring / developing test vectors
- Evaluation
  - How many independent labs? (e.g. 5?)
  - Corporate funded self-evals?
Out of scope

• Applicability to streaming
  – DRM / watermarking
• Et al?
Next WG meeting...

- July 25-30 Maastricht, Netherlands
- Update on development progress
- Discussion of selection criteria and benchmarks
- Presentation on audio quality measurement
- Et al?