Report on
- SG UMID Applications
- RP 205 Revision AHG

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SG UMID Applications

- Activities since the San Jose
  - Updated Study Report Part 2 [1]
    - Contains detailed feasibility study report on the DNS for the UMID resolution
      - w/ simulation result using “BIND”, “nslookup”, and “nsupdate”
  - Accepted for 2013 SMPTE Annual Technician Conference
    - “Latest Status of UMID Application Project in SMPTE”
      - [http://edas.info/p14311#S1569474955](http://edas.info/p14311#S1569474955)
      - Circulated draft manuscript [2]

DNS–based UMID Resolution

- Why DNS–based?
  - To take full advantage of the well–established technology
    - Aggregation Server, Registration, Query, Response, Security, Future extensions, Existing expertise

- How to realize it?
  - SMPTE should define the followings:
    - DNS technology family as normative reference
    - Domain–based UMID representation
    - A set of key=value parameters to compose “Response” (incl. URL)
    - Based on DNS Text Record
Preliminary Simulation

- Using “BIND” (Server) and “nslookup” (client)
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- Activities since the San Jose
  - Aug. 28
    - Submitted editor’s final draft for internal review to Kavi
  - Sept. 20
    - Submitted revised draft hopefully for pre-ballot review to Kavi
Next Step

- **SG UMID Applications**
  - To be presented at SMPTE 2013 @Hollywood (Oct.23)
    - At “Storing and Protecting Your Assets – Part 1” Session
  - Further study on
    - UMID Applications in MXF
    - Still “Call for other technology to be additionally standardized to enhance the UMID applications”
  - Study Report Part 2
    - Hopefully completed before the Atlanta

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  - Hopefully pre-ballot review for the working draft
Thanks!