Updates to DVB-I and TV-Anytime on Signalling of Accessibility Services

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Context – DVB-I

- Key benefits DVB-I
  - Unifies TV services over IP with broadcast
  - No app is required, standardised distribution of TV services
  - Seamless switch between broadband and broadcast services
- Standard work on ETSI TS 103 770
  - Scope: Service discovery and Programme Metadata
  - Update is finalized this year

Context – TV Anytime Metadata

- TV Anytime ETSI TS 102 822-3-1
  - Defines metadata to search, select and use TV content
  - Is referenced and extended by DVB-I
  - Has limited capability to signal access services
  - Will be updated in conjunction with DVB-I spec on Service Discovery

Context – Accessibility

- EU Regulation - EU 2019/882
  - European Accessibility Act
  - Mandates accessible access to Audiovisual Media Services
  - Will be enforced by June 2025
- Requirements for accessibility signalling in DVB
  - Harmonization of different signalling strategies
  - Standardisation of accessibility signalling for apps
  - Common signalling for
    - linear broadcast, linear broadband and (HbbTV) apps

Current work on existing a11y features

- Updating and harmonizing of signalling for
  - Audio Description
  - Subtitling
  - Dialogue Enhancement
  - Signing
- Updated/New artefacts
  - Value list for subtitle purpose
  - Value list for subtitle coding

Addition of new accessibility features

- New signalling capabilities for apps
  - Screen magnification
  - High Contrast UI
  - Screen Reader
  - Response to User Action
- Motivation
  - Seamless integration of receiver with HbbTV accessibility framework

Conclusion

- Work will be included in DVB-I and TV anytime specs
- May also influence other DVB specs
- Advantage for client implementers: consistent signalling
- Liaison letter was sent to MEIG, TTWG and APA-WG
- Feedback by October 2nd 2023

Questions/Comments?

Contact chair of DVB-TM-I

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