

Outline September 4, 2015 DSTAC Report

I. Statutory Obligation

The STELA Reauthorization Act of 2014 requires the Commission “to identify, report, and recommend performance objectives, technical capabilities, and technical standards of a not unduly burdensome, uniform, and technology- and platform-neutral software-based downloadable security system designed to promote the competitive availability of navigation devices in furtherance of section 629 of the Communications Act of 1934 (47 U.S.C. 549).”

II. Work of the DSTAC

- Membership
- Meeting dates
- Interim reports & comments
- Working Group 1 Summary
- Working Group 2 Summary

III. Performance Objectives and Technical Capabilities

- Access to Programming Streams (audio, video, metadata)
- Solutions required for interactive services
- Availability of local DVR / access to cloud DVR
- Out of home streaming
- Objectives for independent Program Guides / User Interfaces
- Services ancillary to video programming required for meeting objectives

IV. Technical Standards

- Standards organization and standards discussed or referenced
- Specifications discussed (whether or not referenced in a due process standard)

V. Not Unduly Burdensome, Uniform, and Technology and Platform Neutral

- Uniformity – expectations re experience from device to device across services
- Platform Neutrality – gateway, standard interface, SOC approaches to abstract network differences
- Metrics re burden: physical device costs, testing costs, licensing costs, etc

VI. Software-based Downloadable Security System

- Required hardware to support downloadable components
- Software options for supporting a common downloadable component
- Common execution environments for downloadable components
- Support for storage, independent guide, remote / out of home access

VII. Assessment, Promote Competitive Availability Re Section 629

- Statutory requirements
- Member consensus, separate statements, comments