

Change Summary for PS-76Ar4: Proposed Replacement for A/76

1. OVERVIEW

This proposed replacement document has two sets of major changes:

- Added support for the ACAP data broadcast services
- Changed to a modular design approach

It has one minor change in order to add optional support for multiple languages in the RRT.

2. ADDING SUPPORT FOR ACAP

The ACAP enhancements were based on the contributions from ETRI to support ACAP signaling and announcement in the ATSC Transport. For background, the transport components are defined in A/101, with proposed enhancements in TSG-675r3, “Proposed Standard: ACAP Service Signaling and Announcement” (now at membership ballot). The PMCP Schema version 2.0 was extended in a backwards compatible manner to add support for this ACAP signaling and announcement.

3. RESTRUCTURE TO USE A MODULAR DESIGN APPROACH

To encourage re-use, and in response to interest from the SMPTE S22 Working Group on Traffic and Automation Control, the PMCP Schema version 2.0 was modularized in a backwards compatible manner. The Specialist Group, working with SMPTE, identified key common schema components and recast the schema using the W3C modular design approach to facilitate direct normative referencing and usage.

These two changes have no impact on the messaging protocol itself, but the contents of some messages may not be understood by deployed PMCP products. A properly designed PMCP decoder should ignore the enhancements. No existing elements or attributes were altered. It is believed by TSG/S1 that devices built to support this new revision can correctly process messages constructed in accordance with the original A/76 and Schema version 2.0, and is thus backwards compatible.