

Action Plan: WAVE

Implementation Date: December 1, 2005

Last Review: June 2009

1. Ingest Processing

- Identification: Yes.
- Validation: Yes. See the validation scheme described in Section 1.13 of WAVE Action Plan Background Report.
- Characterization: Yes. Extracted technical metadata are described in section 2 of WAVE Action Plan Background Report.
- Normalization: Each audio stream contained in the WAVE file is normalized into an uncompressed PCM(LPCM) audio stream with a sample size of 16 bits/sample.
- Migration: No.

2. Significant Properties

WAVE exhibits the following significant properties¹. They are the significant properties which the FDA intends to preserve when adopting migration policy in the future.

- Content: Duration and number of channels.
- Context: Title and creating application information.
- Behavior: N/A
- Structure: Channel relationship (channel mapping).
- Appearance (Rendering): Sampling frequency and bit-depth.

3. Long-term Preservation Strategy

3.1 Long-term Preservation Strategy for the Original

Migrate to newer WAVE versions or to an open, standardized and well supported audio file format that is to be a good successor for the WAVE file format.

3.2 Long-term Preservation Strategy for the Normalized Version(s)

Normalized version will not be migrated.

4 Timetable of Anticipated Short-term Actions

None.

5 Timetable of Action Plan Review and Revisal

Review and revise action plan in 3 year (June 2012).

¹ InSPECT, "Framework for the definition of significant Properties", February 5, 2008