IEEE P1722.1 Media Formats

Concept of AVB Streams having one or more Slots (per R. Silfvast)

61883-2 SD-DVCR
- Two Slots. One containing DV compressed video and the other stereo 16bit PCM audio

61883-4, -7 MPEG Transport Stream
- Slots contain Packetised Elementary Streams (PES)
- Each PES maybe compressed video or audio, i.e MPEG-2 video and Dolby AC-3 audio

61883-6 Audio and Music
- Slots contain AM824, 32bit float or generic 32bit data
- If 32bit float PCM or generic then we can only have one Slot

61883-8 Video & IIDC
- Only one Slot allowed – contains uncompressed video
The following diagram documents the possible IEEE P1722 media formats. Not all combinations are possible. For instance 48kHz, stereo, 24bit pcm is possible, but 192kHz, 16channel, mpeg-l2 is not.
Formats may be represented using OSC type notation

AM824 Audio
- slot0/audio/2channel/48kHz/pcm/24bits
- slot0/audio/2channel/44.1kHz/iec60958
- slot0/audio/32channel/96kHz/float

AM824 Music+Audio
- slot0/music/midi
- slot1/audio/2channel/32kHz/pcm/16bits

Compressed Audio and Video in a Transport Stream (TS)
- slot0/audio/6channel/48kHz/ac3/320kbs
- slot1/video/1920x1080/60fps/interlaced/yuv/422/mpeg2/bp

Compressed audio only TS
- slot0/audio/2channel/44.1kHz/mpeg-13/128kbs

Uncompressed 61883-8 Video
- slot0/video/720x480/30fps/progressive/yuv/422/uncompressed

Uncompressed IIDC Video
- slot0/video/160x120/120fps/progressive/monochrome/*/uncompressed