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# **61883-over-AVB**

## **Goals & Objectives**

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# Goals & Objectives

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- One PAR per layer
  - Submit L2 PAR to MSC on April 2
  - L3 ASAP afterwards
- Three sub-groups
  - Encapsulation
  - Synchronization
  - Session management

# Goals & Objectives - Encapsulation

- Define L2-/L3-compatible packet format
- Port 61883-2, -4, -6, -7, & -8
- Define “General purpose” format
  - New/undefined media formats
    - i.e. SD-SDI@270 Mbps
- Minimize differences with 61883/OHCI DMA buffer architecture

# Goals & Objectives - Synchronization

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- Homogenous presentation time packet
  - Same usage for audio/video
- Compatible with 802.1AS
  - Nanoseconds only
  - Make use of ASI under definition
- Matched latency/presentation time
  - Allow dissimilar hop counts

# Goals & Objectives – Session Mgt I/F

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- Define scheduling interval(s) scheme
  - 125 uS, 2 mS, any others???
- Map SA/DA from SRP reservation
- Interface session information and higher layer discovery protocols i.e. Zeroconf

# Non-goals

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- Bridging of 1394 over AVB
  - For those that come after...
- Porting of 1394 FCP