IP over MPEG-2/DVB Transport (ip-dvb)

# 4. ULE Extension Formats

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#### Goals

ULE and GSE can share the same type space

GSE lacks a signaling plane (TS Packet Support)

- Needed for clock timing (NCR)
- Needed for service description (SI)
- Needed for address resolution

Small packet overhead a concern (PDU-Concat)

- VoIP to the same destination
- processing (L2 filtering) as well as "bits" on the Air

Benchmarking/Testing (Timestamp Option)

#### WG Rev -00

Draft revised (NiTs/Formatting)

New co-author... BC-N

All Concat PDUs MUST have same Type

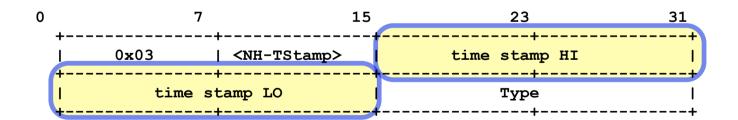
First bit in PDU-Length currently still set to zero

### WG Rev -01

#### Added support for SNDU Timestamps

#### Possible uses include:

- \* Validation of in-sequence ordering per Logical Channel,
- \* Measurement of one-way delay.
- \* Measurement of PDU Jitter introduced by the link,
- \* PDU loss (with additional information from the sender).



## WG Rev-02?

Waiting for IANA response about registry

Otherwise Ready? --- please read and comment?