

# Session ID and Control Code Options for STAMP Message Format

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# Option 1: Variable Length Session ID Part of Existing Sequence Number

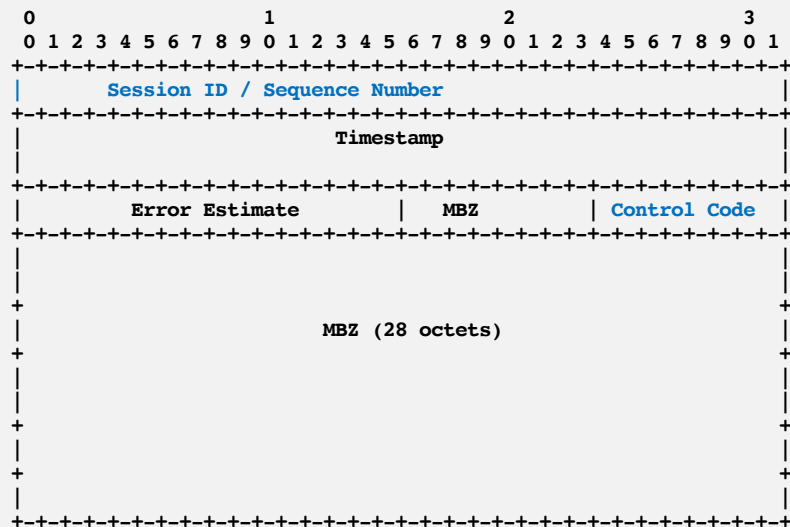


Figure: Sender Message Format in STAMP

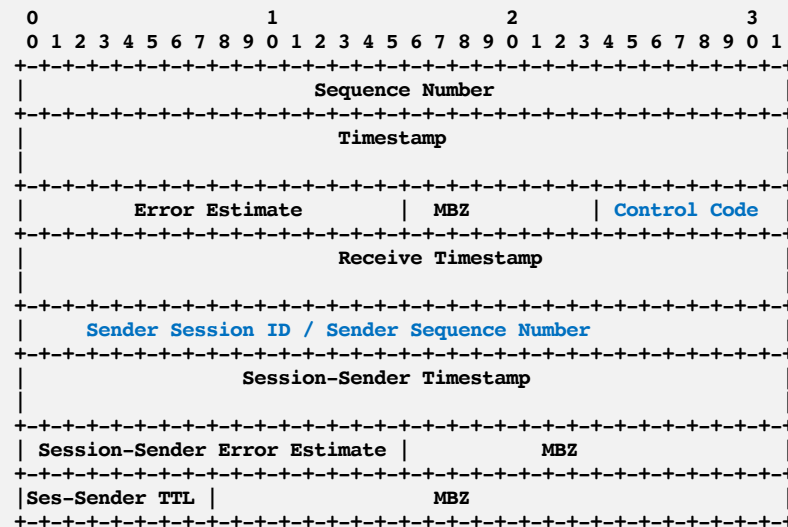


Figure: Reflector Message Format in STAMP

- ✓ Control Code compatible with TWAMP Light message format
- ✓ No change for Session ID in both message formats – STAMP and TWAMP Light

## Option 2: New 24-Bit Session ID Field

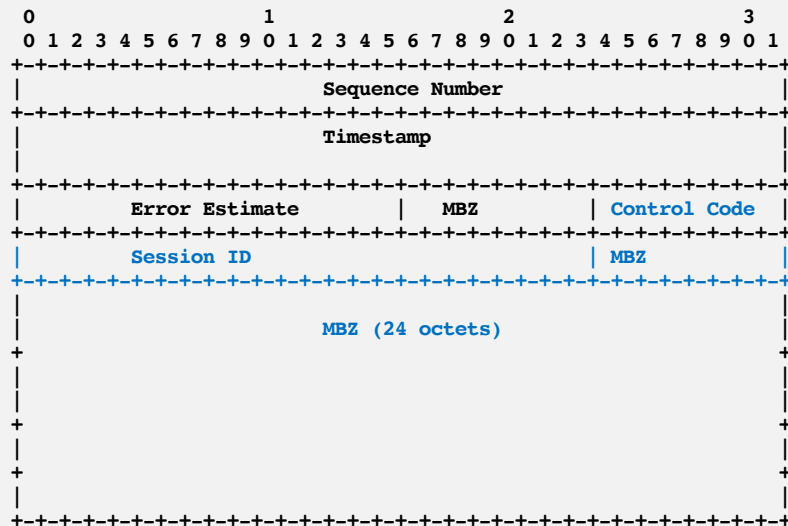


Figure: Sender Message Format in STAMP

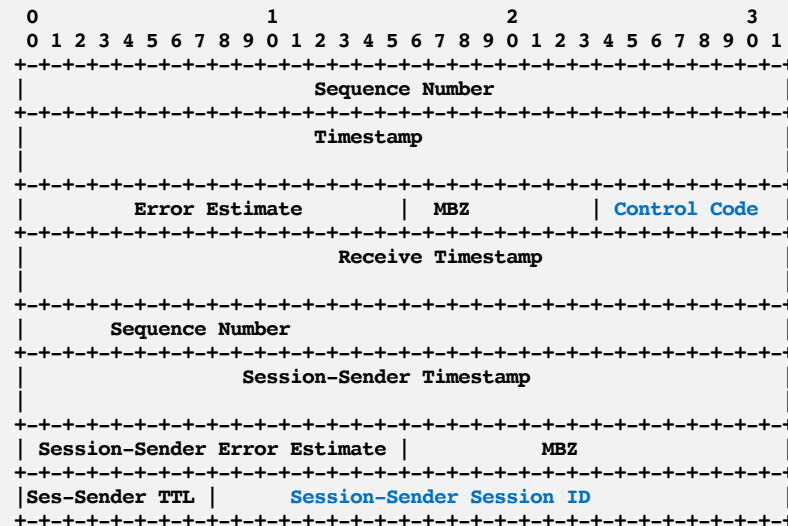


Figure: Reflector Message Format in STAMP

- ✓ Control Code compatible with TWAMP Light message format
- ✓ Session ID is 24-bit which is good

## Option 3: 32-bit Session ID in TLV

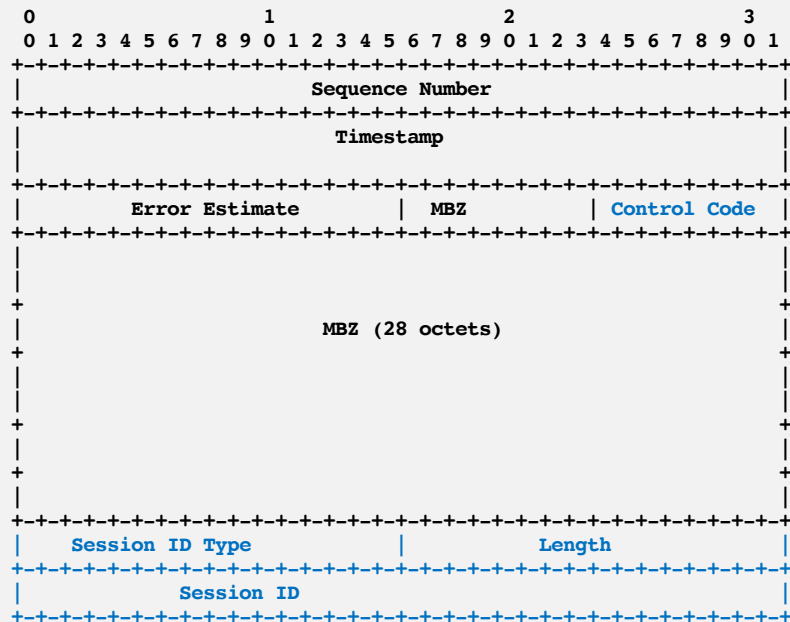


Figure: Sender Message Format in STAMP

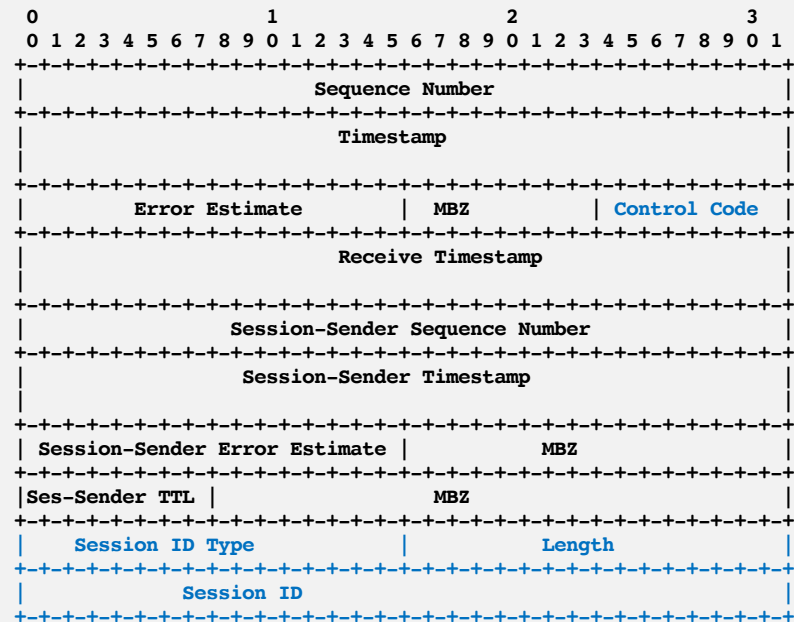


Figure: Reflector Message Format in STAMP

- ✓ Control Code compatible with TWAMP Light message format
- ✓ Session ID is not needed for TWAMP Light, so this option is also fine

## Option 4: 16-bit Session ID

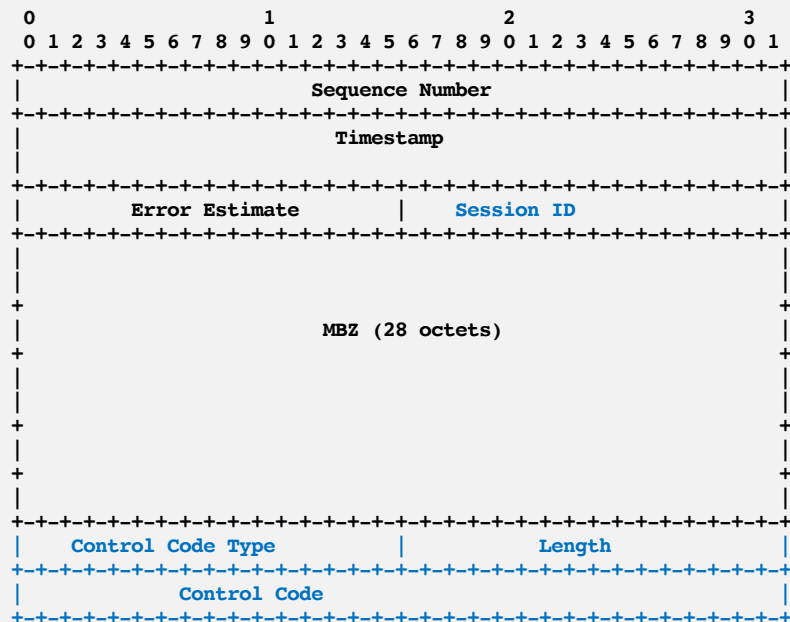


Figure: Sender Message Format in STAMP

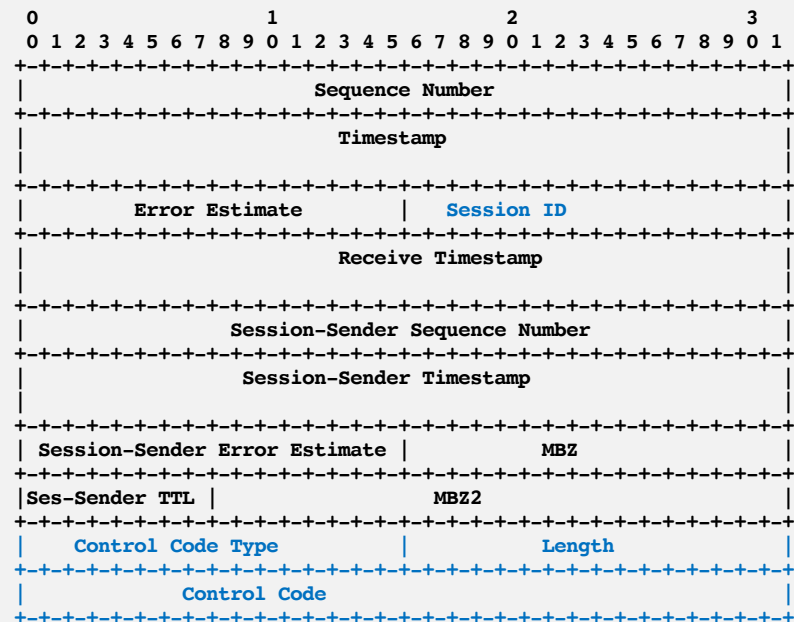


Figure: Reflector Message Format in STAMP

- ✓ Control Code NOT compatible with TWAMP Light message format
- ✓ Session ID has only 16-bits
- ✓ Message formats for TWAMP Light and STAMP diverge – TWAMP Light also needs Control Code
- ✓ This option is least favorable

# Thank you