

Template for suggesting changes to miniseed specification

Commenting on document version #	M=modification, N= add new section, D=Delete existing section	Delete
Topic		Variable Record Length
(M=modification, N= add new section, D=Delete		Remove/Delete
Current Wording from document	Applies to M or D	We might consider making the record length and sample count fields 16 bit integers, limiting records to a maximum 65,535 bytes and the same number of samples.
New wording	Applies to M or N	A compressed record of 65K length may contain many more than 65K samples. A 16-bit sample count would be inadequate. Is a 65K record really useful? At many common sample rates, time tags would be sparse, reducing redundancy of time tags as a tool in verification of timing system stability.
Rationale		What is the rationale to expand record lengths? Little if any efficiency improvements would accrue.
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