Template for suggesting changes to miniseed specification		
	M=modification, N= add	
Commenting on	new section, D=Delete	Modification
document version #	existing section	
Topic	Торіс	General Compression and Opaque data encoding
type of Action	type of Action	
(M=modification, N= add	(M=modification, N= add	Modification
		Define encodings for a genera l compression method for
		fundamental data types. Also define an encoding for opaque data.
		Encoding 50: 32-bit integers, general compressor
		Encoding 51: 32-bit IEEE floats,general compressor
C		Encoding 52: 64-bit IEEE floats, general compressor
Current Wording from	Applies to Mar D	Encoding 100: Opaque data
document	Applies to ivi or D	
		Suggestion
		Fncoding 50: generic tagged compressor
New wording	Applies to M or N	Fncoding 100: Opaque data
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		There are numerous LZ-based and other generic lossless compression algorithms. This is a field of
		continuous development. "Standards" can have a half-life of a few years.
		The suggestion is to define a single new "generic" encoding type, and to use the payload, for
		example with an introductory ascii tag or other means,, to define the specific encoding method to
		follow. This is extensible, and flexible. This approach is already discussed in the VAR field for opaque
		headers. For example, "ALGORITHM=BROTLI2027,TEXT~", followed by whatever.
Rationale		
		While LZ-based algorithms like 7-zip or Brotli are great with text (e.g. station xml), generic dictionary
		based compression is not particularly effective for continuous 1-D time series data (like seismic,
		acoustic, barometricetc). A time series format based on generic compression methods consumes
		significantly (ordes of magnitude) more resources (memory, cycles) than the efficient methods in
		use now with little benefit in data volume reduction.
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Date of Comment		5/18/16