



Elevation is defined relative to sea level; positive upward.

Model z-value is defined relative to top surface of velocity model; positive upward.

srEvent.type	(integer flag)
srEvent.id	
srEvent.latitude	
srEvent.longitude	
srEvent.origintime	
srEvent.depth	(positive downward; relative to a datum)
srEvent.datum	(single value, elevation of datum)
srEvent.elevation	(-0.015 is a source 15 m beneath sea level)
srEvent.z	(Model z-value)

types:	1	airgun; grid search for water path
	2	borehole, within model.
	3	local earthquake, within model; relocate.
	4	teleaseismic earthquake; outside of model, initialize model bottom.
	5	regional event; outside of model, initialize model side(s).