

Space-time reference systems for monitoring global change and for precise navigation in space

Parameterization (5 February 2013)

Parameter	Representation	Resolution	A priori values	Stored in SINEX?
Station coordinates	constant offset	1 d or 7 d	ITRF2008/IGb08/SLRF2008/VTRF2008	yes
Pole coordinates	piecewise linear or offset+drift	24 h	IERS 08 C04; IERS subdaily ERP model	yes
$\Delta UT1$	piecewise linear or offset+drift	24 h	IERS 08 C04; IERS subdaily ERP model	yes
Nutation	X, Y representation, if possible; piecewise linear or offset+drift	24 h	none (parameters represent corrections to a priori model)	yes
Troposphere zenith delays (MW)	piecewise linear	2 h	hydrostatic VMF1	yes
Troposphere gradients (MW)	piecewise linear	24 h	none, except for VLBI	yes
Quasar coordinates	constant offset	1 d	ICRF2	yes
Gravity field coefficients	constant offset		EGM2008	yes