

List of symbols:

- C – Seismometer Component Z: Vertical, N: North–South, E: East–West,
X: orientation of horizontal components transversal to earthquake region
H: horizontal component neither oriented North–South nor East–West
- Ts – Seismometer natural period
- hs – Seismometer damping constant (hs = 1 for critical damping)
- G – Generator constant
- M – Magnification
- R – Recording speed
- NB – Number of bits/data word
- LSB – equivalent ground velocity of the least significant bit

Seismometer abbreviations:

- B4 – Baule–Seismometer with Hottinger displacement pick–up
- GS – Teledyne–Geotech GS–13
- GT – Teledyne–Geotech S–13
- GU – Guralp CMG – 40T
- GU3 – Guralp CMG – 3ESP
- HS – Geospace HS10
- J1 – Seismic Station Jena 1, Teupser
- J2 – Seismic Station Jena 2, Teupser
- KS – Teledyne–Geotech Borehole Seismometer Model KS 36000–01–01
- LE – Lennartz LE3D
- MK – MARK L4
- QF – Sundstrand Q–Flex Accelerometer
- RK – Ranger Kinematics SS–1
- S1 – Streckeisen STS1 (= Wielandt broadband seismometer)
- S2 – Streckeisen STS2
- SH1 – Kinematics instrument (horizontal component)
- SI – Induction seismometer type Stuttgart
- SL1 – long–period Sprengnether S–5007
- SM3 – SM 3
- ST – Displacement seismometer type Stuttgart modified after Strobach
- SV1 – Kinematics instrument (vertical component)
- TJ – Triaxial seismometer Jena, Teupser
- WA – Willmore MARK II
- WG – 17 tons pendulum seismometer type Wiechert
- WH – 1.1 tons pendulum seismometer type Wiechert
- WI – 1.1 tons inverted (horizontal) Wiechert pendulum
- WM – Willmore MARK IIIA
- WZ – vertical Wiechert pendulum