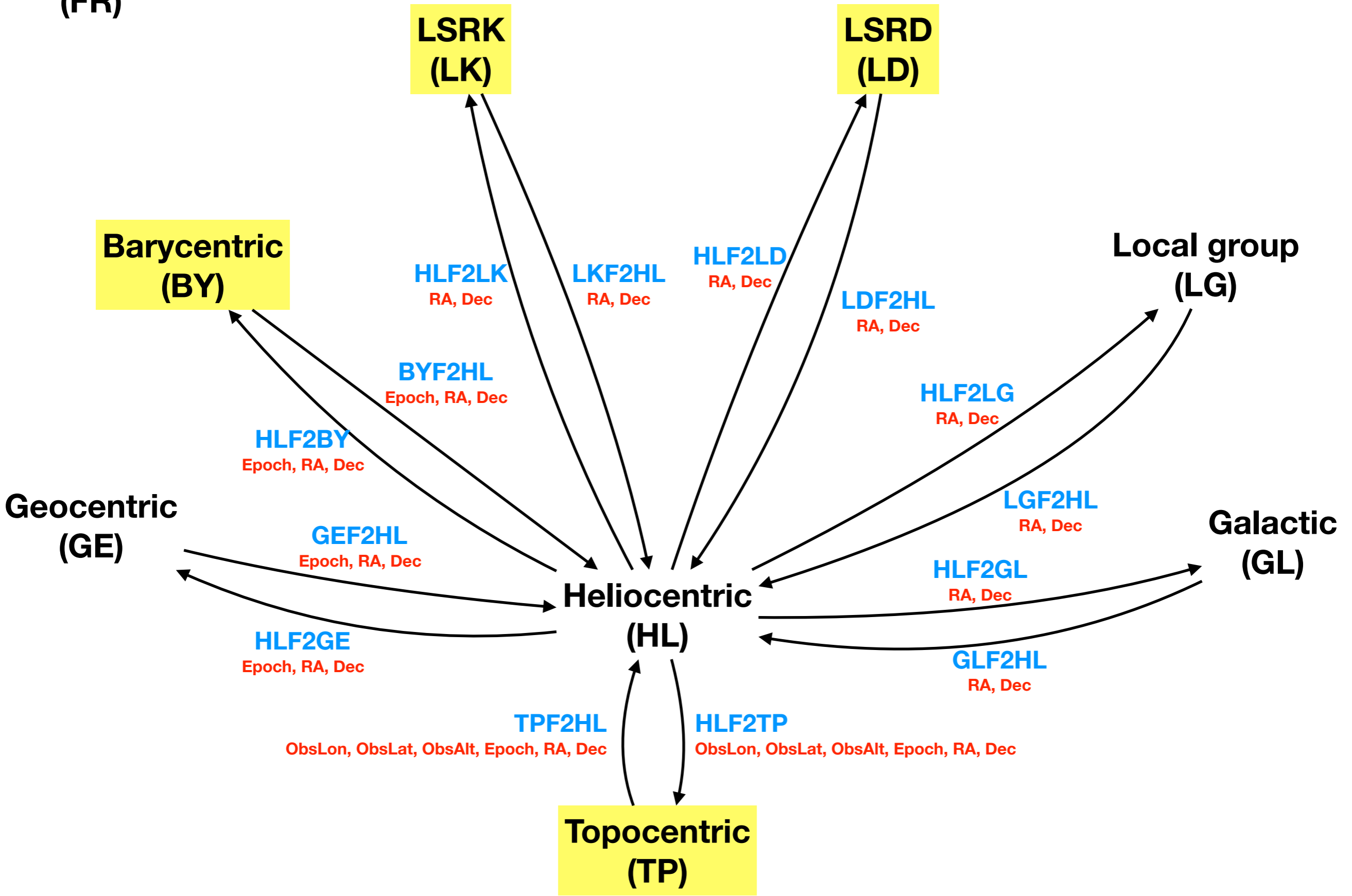


**Frequency
(FR)**

Reference frame dropdown



Unit dropdown
context depending on the Spectral dropdown

Radio velocity (VR)	Frequency (FR)	Wave number (WN)
Optical velocity (VO)	THz	m ⁻¹
	GHz	cm ⁻¹
Relativistic velocity (VL)	MHz	
	kHz	
	Hz	
km/s		
m/s		
cm/s		
Vacuum wavelength (WV)	Energy (EN)	Redshift (ZO)
Air wavelength (AW)	Joules	Beta factor (BT)
	eV	unitless
m		
cm		
mm		
um		
nm		
Angstrom		

- " ADDET" (EQ): Add E-terms of aberration.
- " SUBET" (EQ): Subtract E-terms of aberration.
- " PREBN" (BEP0,BEP1): Apply Bessel-Newcomb pre-IAU 1976 (FK4) precession model.
- " PREC" (EP0,EP1): Apply IAU 1975 (FK5) precession model.
- " FK45Z" (BEPOCH): Convert FK4 to FK5 (no proper motion or parallax).
- " FK54Z" (BEPOCH): Convert FK5 to FK4 (no proper motion or parallax).
- " AMP" (DATE,EQ): Convert geocentric apparent to mean place.
- " MAP" (EQ,DATE): Convert mean place to geocentric apparent.
- " ECLEQ" (DATE): Convert ecliptic coordinates to FK5 J2000.0 equatorial.
- " EQECL" (DATE): Convert equatorial FK5 J2000.0 to ecliptic coordinates.
- " GALEQ" : Convert galactic coordinates to FK5 J2000.0 equatorial.
- " EQGAL" : Convert FK5 J2000.0 equatorial to galactic coordinates.
- " HFK5Z" (JEPOCH): Convert ICRS coordinates to FK5 J2000.0 equatorial.
- " FK5HZ" (JEPOCH): Convert FK5 J2000.0 equatorial coordinates to ICRS.
- " GALSUP" : Convert galactic to supergalactic coordinates.
- " SUPGAL" : Convert supergalactic coordinates to galactic.
- " J2000H" : Convert dynamical J2000.0 to ICRS.
- " HJ2000" : Convert ICRS to dynamical J2000.0.
- " R2H" (LAST): Convert RA to Hour Angle.
- " H2R" (LAST): Convert Hour Angle to RA.

