





























4











































E. Grid and Geodetic Conversions

- 2. Grid North A function of the projection & its fit. Grid north meridians are parallel
 - a. Cone: Lambert Conic Convergence, γ , is angle between Grid and Geodetic North. $\gamma{=}0^\circ$ at CM, magnitude increases moving E or W







E. Grid and Geodetic Conversions

3. Where do we get convergence? a. It depends on the coordinate system.

Currently: (1) SPC & UTM

NGS (NCAT, Survey Mark Data Sheets) Most mapping & GIS software Other misc. software, spreadsheets, etc. (2) Regional LDPs

Custodian tools May or may not be in mapping & GIS software





































































A. Definitions B. Applications C. Magnetic Conversions D. Traverse to Traverse Conversions E. Grid and Geodetic Conversions F. PLSS Corner Restoration Using Grid Coordinates G. Trivia: Astronomic



