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Doris Analysis at Newcastle

- Confidence in NCL orbit computations through comparison against NASA results and past work with ENVISAT etc.
- Issues to be resolved before inclusion of NCL SINEX in IDS
 - Strong correlation between lod and 1cy/rev cross track empirical accelerations. lod poorly determined.
 - Correlation between station coordinates and frequency offsets (and to a lesser extent thermopsheric correction) intrinsic to SINEX normal equations. Thus
 - comparisons against ITRF2005 etc reveal concern with Tz and scale.
 - Are the DORIS SINEX truly robust or is the integrity of DORIS solutions affected by explicit/implicit constraints on orbits, geodynamical parameters etc.
- Ongoing experimentation to answer above.