

DSN Science Services Where to with VLBI?

- The SVLBI Upgrade task is essentially complete
- Resch's responsibility now is to maintain what has been transferred to Ops and upgrade ONLY those portions that are needed to meet mission requirements - i.e. provide CDE functions
 - Rogstad has about \$40K left to keep the Mark IV DAT H/W going
 - Resch has about \$80K left to support everything else - but the Upgrade task is currently \$75K over budget
- Kuiper will now lead the planning for future development
 - Resch and Altunin will badger Kuiper to include the things that may be required by RadioAstron

Deep Space Tracking Systems Group Where to with VLBI?

- A large part of the group has been working on the Upgrade task for the past 2 years at a sacrifice of their professional interests.
 - It is now time to use the capability that we have installed to do science
- Starting a collaboration with SIM to do order of magnitude improvement in selected Radio Reference Frame source positions
 - At 22 and 32 GHz
- Intercomparison between the Advanced WVR and VLBI/CEI at either 22 or 32 GHz
- Solar occultation/Ray bending test at 22 GHz