In attendance:

- @AEI: B. Krishnan
- @Birmingham: C. Messenger
- @CIT: S. Anderson, T. Creighton
- @Glasgow: R. Dupuis, G. Woan
- @LHO: D. Gustafson, M. Landry, L. Matone, G. Mendell
- @Michigan: K. Riles
- @UIB: A. Sintes
- @UWM: B. Allen, M. Allessandra Papa, X. Siemens

1. Matters related to upcoming PULG deadlines (all)

   (a) ML: if we are to produce a “final draft” by the Mar 17-20th LSC, we must have that draft by the end of February for the reviewers

   (b) RD reports time-domain calibration proceeding, driver code has been written, BA has supplied frame reader code

   (c) RD indicates t-domain code could be run for 25 additional pulsars (above 100Hz) for which we know the pulsar frequency sufficiently (we must of course use TC’s code to adjust parameters appropriately), thus additional pulsars for paper should be fairly straightforward.

   (d) GW, RD, regarding the $1/\sqrt{2}$ modification to the time domain result: let’s not produce an intermediate result scaled by $1/\sqrt{2}$. Instead, run the code with i) time-dependent calibration, and ii) factor of $1/\sqrt{2}$, so that only one additional modification to the result is shown (relevant to AAAS slides shown by AL).

   (e) MAP on clarifying method in our so-called “method paper”: the methods depicted will not have great technical details - the F-statistic method has already been used and published. Instead, show how data was treated, how noise was treated

   (f) ML expressed concerns over compression of schedule and the inherent vetting of result that occurs if you are able to sit on that result, and do additional sanity checks

   (g) MAP encourages that we continue to do those sanity checks online, as we go
(h) MAP suggests inviting reviewers to first half of next meeting and devoting half of Feb 20th telecon to presentation to reviewers of F-statistic method, half of Feb 27th telecon to time-domain analysis

(i) reviewers - invited to next meeting

(j) ML suggests that presentation material for those meetings could go directly into report updates, and that the report could then be used as presentation material (as opposed to separate Powerpoint slides)

(k) in general, please update the report

(l) GM suggests to put in the report what you know will go in the paper

2. Signal parameters (all)

(a) MAP notes that, despite available numbers in catalogue, and routines written, no sanctioned pulsar parameters are available for use by the analysis code

(b) CM will notify AV to check into this (for the pulsar being analyzed, plus the some 90 pulsars with frequencies above 100Hz as per the catalogues)

(c) Some debate ensues as to whether or not these 90 pulsars are isolated or not; this was essentially unresolved

(d) TC agrees to parse catalogue in current form and produce for MAP the one pulsar for start of S1

3. F-statistic GEO first upper limit on PSR J1939+2134 (MAP)

(a) MAP shows GEO S1 first results, \( h < 1.3E-21 \) with 95.1% confidence

(b) MAP: have done all possible checks for validity thought of so far, have decent agreement with time-domain result

(c) next steps contingent upon parameters (above)

4. A.O.B. (all)

(a) re: AAAS slides for AL: MAP indicates GEO probably ok with conglomerating GEO/LIGO sensitivity plot

Next telecon: Thursday, 20 February 2003 at 8:30am PST (11:30am EST, 16:30 UTC, 17:30 CET)