Instructions for HMT imino experiment

1. Select imino protons' peaks from 1D (Watergate or 11-echo spectrum) using peak picking – and save it
2. Create new HMT experiment (use parameter set, not prosol compatible)
3. Use command "had_pl"
4. Type the experiment number with 1D spectrum where peaks are saved
5. Had_pl will automatically create peak list inside HMT experiment
6. Based on spectral resolution and broadness of the peaks – choose appropriate inversion bandwidth cnst22 – should be around 15 Hz at 600 MHz
7. Choose l1 and d8 – standard options are 10-15 loops and 20-40 ms mixing per loop
8. At the end, use command "wvm -a" to create the pulses and start the experiment.
9. Use "proc_had" to process the spectrum – zero filling set up with SI will artificially increase F1 resolution

When setting up experiment for the first time, ased will complain that it doesn't contain necessary pulses – after "had_pl", do immediately "wvm -a" which will create pulses using default parameters and will allow you to go through pulse parameters. Don't forget to do "wvm -a" at the end again if you change cnst22.