New Capabilities,

**Gradients (3 axis)**
- Gradient Shimming, Fast 2D, H$_2$O-suppr.

**Shaped Pulses (Selective Excitation)**
- 1-D Tocsy, NOE Difference

**Digital Filtering - Oversampling**
- Selected regions, DQD

**User Interface - SGI workstation**
- Icon-NMR, Queued Exp.'s, Permissions

**Third Channel**
- e.g. $^1$H, $^3$C, $^5$N

**Flexibility**
- no hardware changes

**Sensitivity**
- ~2.5× better (84% less time)

**Routine Temperature Control**
- 0-30°C

**Digital Lock**
- variable $^2$H freq. - no boosts
- autolock, solvent table

**Wobble Tuning**
- very fast probe tuning