Commands

Setup

- A window to create an new experiment — **edc /new**

- To increase the number of experiments and to copy over the parameters from the experiment before — **iexpno**
- To look at the library — **list_pp**
- Copy parameters and to which directory and number they will go (mf) — **wrpa**^*expno*
- To move over to another exp.no (jexp) — **re**^*expno*

Temp

- To open a temp window — **edte**
- Temperature in K — **te**
- Change probe temperature to **te** — **teset**
- To measure the temperature of the shims — **coiltemp**
- To measure the actual temperature (reference samples MeOH or EtylenGlycol) — **calctemp**

Prepare for acquisition

- To check/change nuclei (F1 active in tuning) — **edasp**
- To open a probe window — **edhead**

- To tune and match automatically — **atma**
- To tune and match manually — **atmm**
- To tune and match (31P-probe) — **wobb** (wobb-sw)
  acqu
  stop

- To choose solvent and auto lock — **lock**
- To open a lock window — **lockdisp**

- To store shimvalues — **wsh**
- To read old shimsfiles — **rsh**
- To wiew a shimfile — **vish**
- To shim automatically — **topshim / tshim, topshim^gui**

- To get solvent and probe specific values from prosol — **getprosol**
- Update pulses related to measured p1 — **getprosol 1H** *p1 pl1*

- Choose experiment (copy all) — **rpar**

- To see the current exp. pulsprogram graficlly — **showpp**
- To check or change number of scans — **ns**
- To check or change sweepwitdt — **sw**
- To check or change transmitter offset — **o1p**
- Experiment time consuming — **expt**
- Programme to calibrate d1, o1p etc. — **gs**

Acquisition

- To rga and start an exp **xaua**
- To let the machine count the appropriate receiver gain **rga**
- Check the set receiver gain value **rg**
- Start an acquisition **zg**
- Go fouriertransform phase and linebroadning **zgefp**
- To restart and add ns to an already run exp **go**

- To put up a que of experiment (in the same folder) **multizg**
- To manually put experiments or commands to the spooler **qu^<x>**
  auto-spool (marked in Options)
  put zg, go, rga, atma to the que

- A au program that performs a single scan 90° pulse calibration based on nutation. **pulsecal**
- To calibrate the powerlevel for the ^{1}H 90^{o} pulse for a special length of the pulse (e.g spin lock) **pulse**
- To array and the 90^{o} pulse **paropt**

- Transmitted already run scans **tr, tr^***number of scans*

- To save and stop the acquisition **halt, halt^** *number of scans*
  To stop the acquisition **stop**
  To stop the acquisition in an more rough way **kill**

Processing

- Opens a dialog box in which you can set all processing parameters **edp**
- To autoprocess **xaup**
- read row from 2D data and store as 1D **rser^***number in array*
- read column from 2D data and store as 1D **rsc**

- Open a interactive window multiplication window **.winf**
- Linebrodning, to set values **lb**
- Makes linebroadning **em**
- gaussian broadening parameter used along with lb for gm **gb**
- gaussian muliplication **gm**
- Fourier transform **ft**
- Linebroadning and fouriertransform **ef**
- Automatic phasing **apk**
- Fouriertransform with chosen line broadning and already set phasing **efp**
- Fouriertransform with chosen gaussian function and already set phasing **gfp**
- To process an array in paropt **multiefp**
- Fourier transform 2D exp **xfb**
- Fourier transform 2D, T1/T2 exp **xf2**

• Basline correction (give you a window)	**bas**
• Basline correction 1D and auto integration	**abs**
• Basline correction first dimension 2D	**abs1**
• Basline correction second dimension 2D	**abs2**
• Basline correction without integration	**abs n**
• Symmetrization 2D e.g cosy	**sym**
• To measure the half width, (zoom in the desired peak) chose Calculate width of current peak.	**pp**
• To measure the half width	**hwcal**
• To measure the half width and the hump (expand the area around the peak, save displayed region, must be well-defined, calibrate it)	**humpcal**
• Find the internal zero-reference	**sref**
• Zero fill	**si**
• Calculate the signal to noise	**sinocal**
• Serial integration	**intser**
• To make a list	**edlist**
• Write miscellaneous lists	**wmisc**
• Read miscellaneous lists	**rmisc**
• Edit miscellaneous lists	**emisc**

<u>Various</u>

• Setup	**ii**
• open BSMS display	**bsmsdisp**
• Autoprogram for selective exp	**bnmr**
• To make macron	**edmac**
• To edit au programs	**edau**
• To delete the processing on selected dataset	**delp^***dataset*
• Edit shim files	**edtune**
• Edit solvent and probe specific parameters	**edprosol**
• To get info about the current exp	**edcpul**
• To get information about pulseprograms	**edpul^*.info** **edpul^pulprog.info** **edpul^*noesy***