Commands

Setup
- A window to create a new experiment \texttt{edc/new}
- To increase the number of experiments and to copy over the parameters from the experiment before \texttt{iexpno}
- To look at the library \texttt{list_pp}
- Copy parameters and to which directory and number they will go (mf) \texttt{wrpa^expno}
- To move over to another exp.no (jexp) \texttt{re^expno}

Temp
- To open a temp window \texttt{edte}
- Temperature in K \texttt{te}
- Change probe temperature to \texttt{teset}
- To measure the temperature of the shims \texttt{coiltemp}
- To measure the actual temperature (reference samples MeOH or EthyleneGlycol) \texttt{calctemp}

Prepare for acquisition
- To check/change nuclei (F1 active in tuning) \texttt{edasp}
- To open a probe window \texttt{edhead}
- To tune and match automatically \texttt{atma}
- To tune and match manually \texttt{atmm}
- To tune and match (31P-probe) \texttt{acqu}
- To move to another exp.no \texttt{stop}
- To choose solvent and auto lock \texttt{lock}
- To open a lock window \texttt{lockdisp}
- To store shim values \texttt{wsh}
- To read old shim files \texttt{rsh}
- To view a shim file \texttt{vish}
- To shim automatically \texttt{topshim / tshim, topshim^gui}
- To get solvent and probe specific values from prosol \texttt{getprosol}
- Update pulses related to measured p1 \texttt{getprosol 1H \ p1 \ p11}
- Choose experiment (copy all) \texttt{rpar}
- To see the current exp. pulse program graphically \texttt{showpp}
- To check or change number of scans \texttt{ns}
- To check or change sweep width \texttt{sw}
- To check or change transmitter offset \texttt{o1p}
- Experiment time consuming \texttt{expt}
- Programme to calibrate d1, o1p etc. \texttt{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 ¹H 90° pulse for a special length of the pulse (e.g spin lock)  
pulse
• To array and the 90° 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
• Linebroadning, 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
• Baseline correction (give you a window)  
  • Baseline correction 1D and auto integration  
  • Baseline correction first dimension 2D  
  • Baseline correction second dimension 2D  
  • Baseline correction without integration  
  • Symmetrization 2D e.g. cosy  

  • To measure the half width, (zoom in the desired peak) chose Calculate width of current peak.  
  • To measure the half width  
  • To measure the half width and the hump (expand the area around the peak, save displayed region, must be well-defined, calibrate it)  

  • Find the internal zero-reference  
  • Zero fill  
  • Calculate the signal to noise  
  • Serial integration  
  • To make a list  

  • Write miscellaneous lists  
  • Read miscellaneous lists  
  • Edit miscellaneous lists  

Various  
• Setup  
  • open BSMS display  

• Autoprogram for selective exp  

• To make macron  
• To edit au programs  
• To delete the processing on selected dataset  
• Edit shim files  
• Edit solvent and probe specific parameters  
• To get info about the current exp  
• To get information about pulseprograms