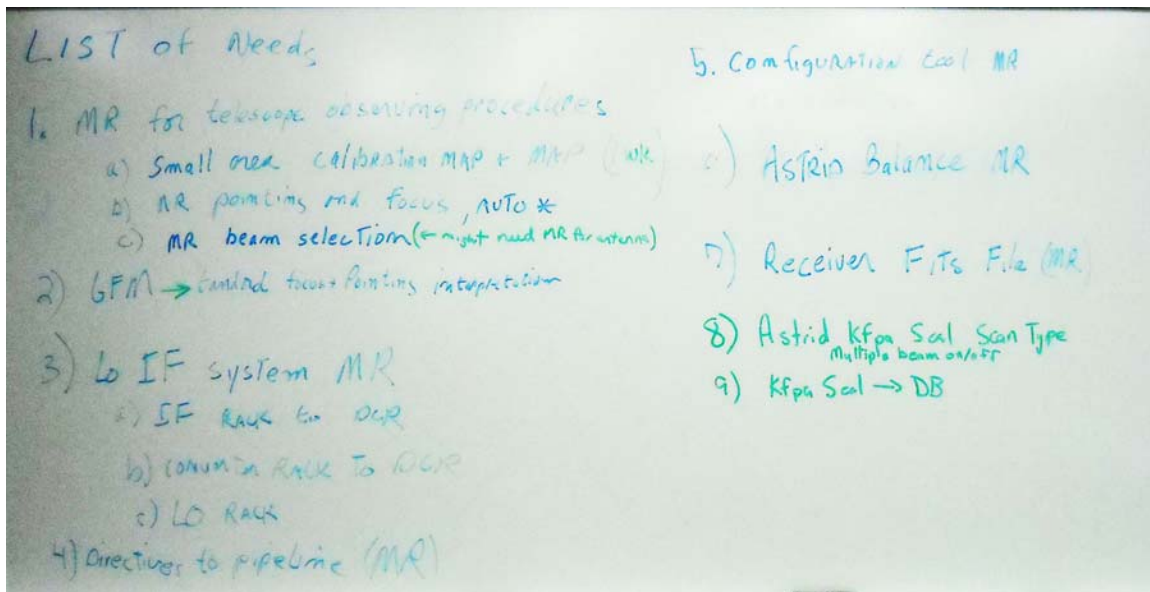
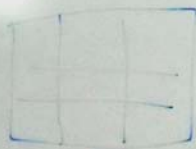


## ADDITIONAL SOFTWARE NEEDS (OUTSIDE PIPELINE)

- 1) Telescope Observing Procedures – MR's
  - a) Small area calibration procedures
  - b) Pointing and focus with autofocus \*
  - c) Beam selection
- 2) GFM Standard Focus and Pointing: interpretation and presentation MR
- 3) LO and IF System MR
  - a) IF Rack to DCR
  - b) Converter Rack to DCR
  - c) LO Rack (frequency selection)
- 4) Directives to Pipeline – MR
- 5) Configuration Tool -- MR
- 6) Astrid Balance - MR
- 7) Receiver Fits File – MR
- 8) Astrid KFPA Scal, Scan Type, Multiple Beam, On/Off
- 9) KFPA Scal Database





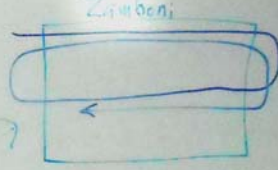
Über Mapper

cal 1



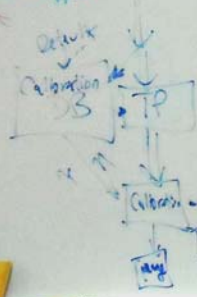
cal

↓



Zylinder

$$\vec{r} = \vec{r}_0 + \vec{v} \cdot t$$



Calibration:

TP  $\rightarrow$  isys?  
 $\leftarrow$  ret. spectra  
 $\downarrow$   
 total map

weitere  $\rightarrow$   $\begin{pmatrix} 1 \\ f \end{pmatrix}$   
 daten  $\rightarrow$   $\begin{pmatrix} 1 \\ f \end{pmatrix}$  observed  
 $\downarrow$   
 $\frac{1}{\Delta t} \cdot \frac{1}{S_{cal}(f)}$   
 dec. f