

Exercise on processing Intensive sessions with VieVS



Task

Analyze IVS INT2 sessions in September 2011. These are one-hour long experiments between Tsukuba and Wettzell for the estimation of UT1 – UTC.

Proceeding description

Usually, only 5 parameters are estimated: linear clock between stations (two parameters), wet zenith delay offset at each station, UT1 – UTC.

1. Create the process_list for all INT2 sessions in 2011 (current directory is the WORK directory):

```
[process_list,sessionnames] = mk_list('K','YEARS',2011:2011)
```

2. Save this process_list as PROCESSLIST/int2in2011.mat:

```
save PROCESSLIST/int2in2011.mat process_list
```

3. Run VieVS.

4. Remove all other sessions not in September from the process_list.

5. Set the parameter and estimation options. Start the estimation. (You could also create a parameter file and start VieVS in batch mode.)