

Exercise on processing Intensive sessions with VieVS



Task

Analyze all IVS INT2 and INT3 sessions in September 2011. These are one-hour long experiments between Tsukuba – Wettzell and Tsukuba – Wettzell – NyAlesund for the estimation of UT1 – UTC.

Description of the proceeding

Usually, only 5 parameters are estimated: linear clock between stations (two parameters), wet zenith delay offset at each station and $dUT1 = UT1 - UTC$.

1. Create the `process_list` for all INT2 and INT3 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/int_ex.mat`:

```
save PROCESSLIST/int_ex.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.)