Setup for Comet Tracking

If a comet or asteroid program is scheduled, you need to set up the PEGASUS system in order to provide the proper tracking mode of these bodies. This can be done together with the observer when the program is actually started. Logon with the observer who will run the program, open the Comet window and then do the following:

- enter the comet's or asteroid's name
- define the `Input Elements` to `B1950.0`
- define the `Output Ephemeris` to `J2000.0`
- select the `Option 2 variables`
- enter or check the `Orbital Elements` from the Emphemeris
- enter `Begin Date` and `End Date` – note the correct format
- enter `Step Size 0.5 hours`
- *deactivate* `Tracking enabled` and select `Print Result` and an ephemeris window will be displayed if you click on *Accept*.
- click `Print` and then `Quit`

If you want to immediately track the comet, activate `Tracking enabled` in the Comet window *before* clicking on *Accept*. Check that the telescope really starts to track and that your system is set to the current `Epoch`. The par files corresponding to this setup will be on the user's directory: `.,comet.par` and `.,com12.par`.

Note: Take a look at section "Hale-Bopp observation instructions for a detailed description on how to observe the comet Hale-Bopp.