13_12 Productivity with Hearing Map File Models

Question:

We going to started on a new hearing map. The problem is that we have a short time frame to complete this task. Can multiple Designers work on this project in order to complete the hearing map on schedule?

Answer:

Generally speaking, we are still limited to one session of Microstation opened for editing per Microstation file as in the past. However, since hearing maps are now created with Microstation models, some of many benefits of Microstation models and with a well coordinated strategy, multiple Designers can work on individual set of models in different files. This can result in a faster turnaround time for completing the overall project. The following procedure will be incorporated into the PHM class manual.

Step 1.
Create a hearing map file from the hearing seed file.

Step 2.
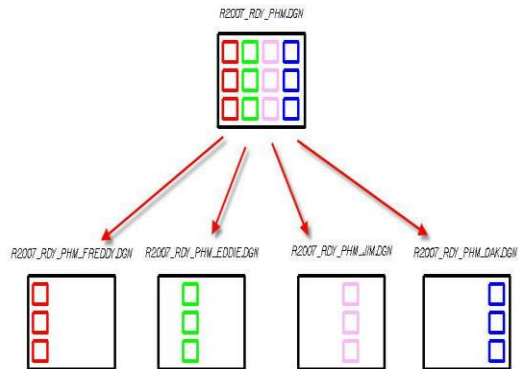Complete the tasking for merging TOPO files into the TOPO model.

Step 3.
Complete the tasking for what is required in the Horizontal Design model.

Step 4.
Spawn this original hearing map file by the number of Designers who are going to be working on the hearing map. Rename the clone files to some form of scheme in the file name description field. One example schema that can used is the Designer's name.
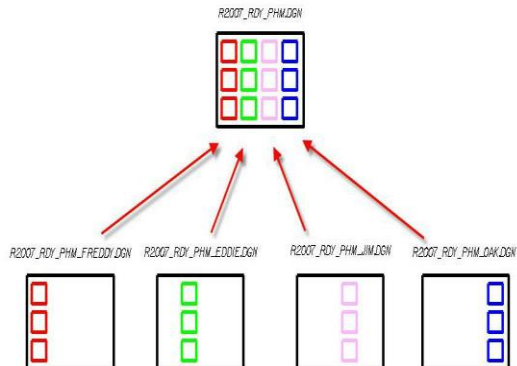
Step 5.
Optional. For the clone files, <u>NOT the original hearing map file</u>, delete the models that Designer will not be working on for that specific file. See sketch below. The color coded containers represent set of like-feature models in a Microstation DGN file.

Step 6.
Once the task for each model or set of models has been completed in the clone files, merge the updated models back into the original hearing map files. The referenced models merging process is outlined in the PHM class manual. At this stage it is important to note that since the file name can be different, the model names are all the same. Merge identical model from the referenced clone files back to same model name in the original hearing map file. For example, merge model **RDY PHM Exist Structure Shape** from R2007_RDY_PHM_JIM.DGN (clone file) to the same model **RDY PHM Exist Structure Shape** in R2007_RDY_PHM.DGN (original file).

Step 7.
Lastly, any additional changes to the hearing maps should be done in the clone files. Once completed in the clone files, delete all elements in the original file <u>**model**</u> first. Then update the original file model by merging in the same model name from the clone file.