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Uploading PAM files to the SOAR Laser Clearing House Software

1) Download the PAM file from www.space-track.org. [1]

- Login with the appropriate credentials
- Click on "Files" in the upper dark grey bar. Then on the "Download" tab, then on the zLCH folder, then on SAM_SOAR, and then on PAM. You will end up with something like the screenshot shown below in Fig.1. Download the appropriate PAM file(s).

HOME - FILES - HELP - SPACE-TRACK SAMPAM -

FILES

Download Upload

FILE DOWNLOAD

File name to search for... SEARCH Manage folder subscriptions

YYYY-MM-DD hh:mm to YYYY-MM-DD hh:mm

> Search Results:

NO FILES FOUND!

> DIRECTORY:

- ▼ /
- ▼ zLCH
- ▼ SAM SOAR
 - ▼ PAM
 - 📄 PAM_SOAR_SAM_1_T+000_14SEP2016_For_JDAY258_RADEC-1-1.txt ▼
 - 📄 PAM_SOAR_SAM_1_T+000_14SEP2016_For_JDAY258_RADEC-2-1.txt ▼
 - 📄 PAM_SOAR_SAM_1_T+001_13SEP2016_For_JDAY258_RADEC-1-1.txt ▼
 - 📄 PAM_SOAR_SAM_1_T+001_13SEP2016_For_JDAY258_RADEC-2-1.txt ▼
 - 📄 PAM_SOAR_SAM_1_T+001_14SEP2016_For_JDAY259_RADEC-1-1.txt ▼
 - 📄 PAM_SOAR_SAM_1_T+001_14SEP2016_For_JDAY259_RADEC-2-1.txt ▼
 - 📄 PAM_SOAR_SAM_1_T-1_15SEP2016_For_JDAY260_RADEC1.txt ▼
 - 📄 PAM_SOAR_SAM_1_T-1_15SEP2016_For_JDAY260_RADEC2.txt ▼
 - 📄 PAM_SOAR_SAM_1_T-1_19SEP2016_For_JDAY264_RADEC.txt ▼
 - 📄 PAM_SOAR_SAM_1_T-1_22Sep2016_For_JDAY267_RADEC.txt ▼
 - ▶ PRM

2) Copy the PAM file(s) to a file with the following syntax: PAM_YYYYMDD.txt. If you have more than one PAM file, add "-N" to the name, where N is an integer. For example, if your downloaded PAM file is PAM_SOAR_SAM_1_T-1_15SEP2016_For_JDAY260_RADEC1.txt you will copy it to PAM_20160916-1.txt, since JDay 260 = Sep 16, 2016. The "-1" means that for that night we had more than one PAM file, i.e., there was a PAM-20160916-2.txt file.

3) Upload the PAM_2016MMDD-N.txt file(s) to the /home/PAM/ directory in the soaraom computer, using the appropriate user and password:

```
scp PAM20160916-1.txt USER@soaraom.ctio.noao.edu:/home/PAM/
```

4) Load the PAM files into the LabView SLCH software in soaraom (Fig.2)

Figure 2.SLCH software main window. Files are uploaded by click on the small folder icons.

Source URL: <http://www.ctio.noirlab.edu/soar/content/uploading-pam-files-soar-laser-clearing-house-software>

Links

[1] <http://www.space-track.org>.