A suggestion for the SOONAR directory format **April 16, 2018**
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This page shows the suggested directory and file structure for the SOONAR database. It is a snippet of the full directory structure and it shows sample commands for how to retrieve the Learmonth, Australia image corresponding to the "LEAR" header in the sample headers provided. The filenames listed under /04 show how different images from the three current sites can reside together in chronological order. This simple directory structure could span 24 years X 12 months X 30 days, or more than 8000 directories over 3-5 sites.

```
/SOONAR/  2013/
          2014/
          2015/
          2016/  01JAN/
                 02FEB/
                 03MAR/
                 04APR/  01/
                         02/
                         03/
                         04/ 0855-1542-9999-LEAR.FIT      ( Extended FITS,  08:55 – 15:42 UT and 9999 means full disk )
                             0847-1547-2763-LEAR.FIT      ( Extended FITS, 2763 is target active region sought )
                             1401-2040-2763-HOLL.FIT      ( Time overlapping Holloman images of target region )
                             2122-2359-2763-SANV.FIT      ( Non-overlapping San Vito data from target region on the 4th )
                         05/
                         06/
                         07/                              ( Note that there was no data on the 8th and 9th so these
                         10/                                two directories are not even created. )
```

Commands something like this could retrieve the Learmonth image whose header is given above:

```
FTP //SOONAR.COLORADO.EDU
cd /SOONAR/2018/04APR/04
get  0847-1547-2763-LEAR.FIT   - ( This command line retrieves all 327 images taken of region 2763
                                    between 08:47 and 15:47 UT  on April 4th, 2016. )
```

Similar commands could have retrieved any of the roughly 14,000,000 SOON images taken since 1994.