The folder “Magnetic field data” holds the processed X and Y components of the magnetic field, registered at Panagjurishte (PAG), the horizontal power of the magnetic field, and their graphics. The processing method is described in [1, 2, 4]\*. The magnetic field data are organized in folders of every year from 2007 to 2022. A year folder contains 12 folders for the months and every month folder comprises folders of the days of the month with names: **yyyy\_mm\_dd/** (yyyy=year, mm=month, dd=day).

Every day folder contains 4 files: one data file and 3 figures (Graphs).

The data file name is: **PAG\_Magn.\_data\_yyyy\_mm\_dd.txt**

In the file head, the data content is briefly enumerated, the station name (in the case PAG) and the date of observation are written, and in the row above the minute data, the designation of the recorded quantities is given.

After the file head, there are 5 columns of data. The first two columns are the time of the day in UT, the first one in minutes from 1 to 1440, and the second one in hours, from 0.017 to 24.000. In column 3 and 4, the obtained variations of the X and Y components of the magnetic field, respectively, in nT for every minute are given, and in column 5, the horizontal power of the magnetic field in nT2\*\* is presented. The data format is: I5, F10.3, 3F17.2.

In the three graphics, named **PAG\_X-comp.\_yyyy\_mm\_dd.gif**, **PAG\_Y-comp.\_yyyy\_mm\_dd.gif** and **PAG\_MPB\_yyyy\_mm\_dd.gif** the X variations, Y variations and the horizontal power of the magnetic field during the day are shown, respectively. It is to be noted that at the x-axis at the lower part of the graphic the universal time (UT) is given, and at the x-axis at the upper part – the local time (LT) at PAG.