**README: g16_g17_exs_spw.xlsx**

July 23, 2024

The Excel file 'g16_g17_exs_spw.xlsx' contains the timestamps of EXIS Space Wire anomalies for GOES-16 and -17.  For further description and analysis of this anomaly, please see the following Open Access paper by Brian Kress et al. published in 2024:  **DOI:** 10.1109/TPS.2024.3390658

The file contains two tabs.

The tab 'g16_exs_spw' contains a list of the UTC dates and times of GOES-16 exs_spw anomalies from December 10, 2016 through March 14, 2022.

The tab 'g17_exs_spw' contains a list of the UTC dates and times of GOES-17 exs_spw anomalies from March 28, 2018 through March 14, 2022.

The dates and times are provided in two formats for the convenience of the user.

Column A provides the date and time in the following format:  yyyy:ddd:hh:mm:ss:fff UTC, e.g. 2022:073:15:08:28:766 UTC, where

yyyy is the year
ddd is the day of year
hh, mm and ss are the hours, minutes and seconds
fff is the number of milliseconds.

Column B provides the date and time in the Python *datetime* format.