1. Copy a Meteor M2 S-file into the main folder beside LRPTDecoder.exe

2. Rename the S-file with the format: YYYY-MM-DD-HH-MM-SS.s
   For example: The original name: meteor_10-00-17_17-08-2021.s
   Should be renamed: 2021-08-17-10-00-17.s

3. Acquire 2-line keplerian elements for the date of the S-file from (https://www.space-track.org/)as below:
   - Register with and sign in.
     NOTE: Spacetrack will not accept Yahoo email addresses for registration.
   - Click on **Retrieve ELSET Data by Satellite Catalog Number**
   - Enter 40069 in the **Entries** field
   - In the **From** field enter a date one day ***before*** the date in the.s file name
   - In the **To** field enter a date on day ***after*** the date in the .s file name
   - Click on **LOAD DATA**
   - The Keplan lines display in the **API** field.
   - Copy all the Keplan lines.

4. Edit the M2_tle.txt file by replacing the existing Keplerian lines by those copied from Space-Track.

5. Edit LRPTDecoderM2.ini "RoughStartTimeUTC=17/08/2021" with the date of your renamed S-file.
   NOTE: the different format: 2021-08-17 becomes 17/08/2021

6. Process the S-file, at **72k**, with LRPTDecoderM2.exe
   (Images are saved in the Images subfolder)

7. When processing is complete, click the **125.jpg** button.

8. From inside the MeteorGIS subfolder, run "**default.bat**" (by double clicking) i

You will find the processed Meteor M2 file in the GIS Images folder.
NOTE
- MeteorGIS has been preconfigured to overlay country outlines, create a UTM projection and sharpen the image.
- Processing options can be changed in the default.ini file by using the supplied MeteorGIS_Configurator.exe utility
- MeteorGIS will not overwrite any existing images in the GIS images folder
- This cut down version of MeteorGIS was assembled by Les Hamilton