

## **Juno : Preferred formatting for the amateur data**

### **Glenn Orton, EPSC2014**

-Do not stretch the images or change the linearity

Turn OFF the histogram stretching before registering and stacking the images

-Save in FITS, PNG or TIFF formats

Ask for highest-depth option

This preserves linearity, which JPEG and GIF destroy

-IMS text file with each image

Generated within WinJUPOS

Who made the image, where, what time, which filter

-Send a “sharpened” image if you want, but send something that has not been subject to a wavelet or an unsharp-masking procedure.

-Cylindrical maps flattened by Lambertian law

This is an option within WinJUPOS

-Compress results (zip file)

- I'm working with Grischa Hanh and JUPOS group to make some of these automatic options within WinJUPOS.

-Observer's options for archiving:

Current: PVOL

Being explored: Juno or Juno-affiliated site, which might display the images automatically when deposited and allow immediate access by the Juno team

-Practice in the upcoming (2015) Jupiter apparition, after start of CY2015