Labels on image: Alpetragius, ALPHONSUS, ARZACHEL, PTOLEMAEUS, Herschel, ALBATEGNIUS, Klein, HIPPARCHUS, Parrot, Halley, Horrocks

50 MILES |_____|

Moon

Resolution approximately ½ mile per pixel
Image 350 mi X 260 mi

8/19/2003
3161 Winston, Toledo, Ohio
Conditions: residential, slight haze, mid 60's, no wind, very low turbulence, slight dew, moon last quarter

Meade LX-90 8 inch sct in Polar alignment mode using 2X Barlow and orange filter #21

StellaCam-EX:
No Zoom // ELC 2 out of 9

Capture off video tape onto HP ze5185 notebook using Video Capture Essentials with no interleaving
as 225 image sequence @ 1 frame per second with brightness at 65% and contrast at 60%:

Make "Moon_081903_1_avg12aregx_proc8_crop"
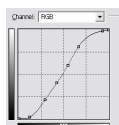Registax Processing:
        Used registax to pick best 12 of the 225 frames. Align pixels 30, quality filter start 10 – width 25.
        Stack quality 93%, use image quality weighting to stack.

AstroArt 3.01 Processing:
        Offset –40 (bring saturated areas down for unsharp masking.) // clip minimum at zero
        Set data type to floating point // resize to 200% // unsharp mask using 3, 5, unadaptive

Photoshop 6 Processing:
        Apply histogram curve 2:

        Unsharp mask with threshold 0, radius 0.5, amount 500%
        Set data to 16 bits // resize 200% // set data to 8 bits

Larry Low – Astrophotonist
5/1/2004