<h1 style="text-align:center">Enhanced Images on JAZ Cartridges</h1>

-19 different image sets on 3 different JAZ cartridges

-each image set consists of four different 8-bit DOS step-downs of an extremely dense   raw digital scan of a 4" X 5" photographic image: the original raw scans (which will not be processed by NRO) were each 12-bit, 150 MB, 4000 X 6000 pixel IMPS images read by a UNIX computer

-the "image sets" on the 3 JAZ cartridges are color-corrected, noise-filtered 8-bit step-downs, as follows:

> -image XX.01: 8-bit, DOS, 75 MB, 4000 X 6000 pixels
> -image XX.02: 8-bit, DOS, approx. 18 MB, approx. 2000 X 3000 pixels
> -image XX.03: 8-bit, DOS, approx. 5-6 MB, approx. 1000 X 1,500 pixels
> -image XX.04: 8-bit, DOS, approx. 2-3 MB, approx. 512 X 768 pixels

-the purpose of the step downs was to create digital images that could be processed and manipulated using PHOTOSHOP software on a commercial PC with extended RAM; step down XX.02 was made so that thermal images could be printed, and step downs XX.03 and XX.04 were made so that commercial PCs with less memory capacity could still be used to manipulate and view the images

-the JAZ drives contain numerous step downs, numbered "XX.05, XX.06, *etc.*" which are essentially magnifications of portions of images.   With few exceptions, these step downs are all created from the XX.01 version (*i.e.,* the densest version) of each 8-bit digital image

-the forthcoming examinations will consist of either:

> -*calling up previously made magnifications* (numbered XX.05, XX.06, etc.) to simply view them on a computer terminal; PHOTOSHOP could then be used to further manipulate contrast, or further sharpen the image, for example

> -or, *using PHOTOSHOP software to create magnifications and enhancements of the XX.01 version of each image*--extensive use of this capability is anticipated

-system requirements: enough RAM to handle PHOTOSHOP and 75 MB images,   a 17" high-resolution color monitor, and a JAZ drive in which to play the JAZ cartridges

-software expertise: an operator familiar with PHOTOSHOP software