



National Aeronautics and  
Space Administration

Washington, D.C.  
20546

4531720

APR 11 1984

Reply to Attn of: EE

Dr. Oliver Strimpel  
Curator  
The Computer Museum  
300 Congress Street  
Boston, MA 02210

*Program reunited for TM  
data, powerful guy*

Dear Dr. Strimpel:

Your letter requesting TM imagery for your exhibit "The Computer and the Image" has been forwarded to me from Mark Settle. Please allow me to send our compliments on your undertaking the development of such a worthwhile and innovative exhibit. NASA feels that synoptic images taken from space can reveal unique information about the biophysical and geological processes of the Earth and the formation of the other planets in our solar system, as well.

We are happy to assist you in the collection of image data for your exhibit. Dick Stonesifer of Goddard Space Flight Center (301-344-7856) will be sending you, in the near future, a package of TM computer compatible tapes of the areas of the Earth's surface you requested for use in your demonstration. In regard to your request for Voyager imagery, Leslie Pieri of the Jet Propulsion Laboratory (213-354-3343) will send you imagery of Saturn in digital tape format. It has been suggested that interactive enhancement techniques applied to Saturn and its rings would make a very dramatic display.

Good luck in your effort. Please call or write if you should need further assistance.

Sincerely,

M. Kristine Butera  
Remote Sensing Science Program Manager

cc:  
EE/Mark Settle

Mark Settle : Path/Row number ; may wish

Literature on project  
Landsat 5 Himalayas  
Feb '83

$\frac{1}{4}$  of scene

605 594 6151  
Swiss Falls  
Uses Service

explain need  
Landsat 4 TM  
World Reference System  
Map

April 24 1984

Ms M Kristine Butera  
Remote Sensing Program Manager  
NASA Headquarters  
Code EE  
Washington  
DC 20546

Dear Ms Butera

Thank you for your letter of April 11 and for your interest and help with our exhibit. We have already received TM tapes of Boston, Death Valley and the Mississippi River Delta from Dick Stonesifer and look forward to the Voyager Saturn image from JPL. Should Landsat 5 operate successfully we would also be interested in using an image of the Himalayas.

Is there perhaps a reference map which shows the area covered by the images? I would also appreciate some information on the Landsat 4 satellite and the TM - its specifications and mode of operation.

We are very pleased to have your cooperation with this exhibit. I hope you or someone from your office will be able to come up here and attend the Museum's opening which will be around November 14. Many thanks again.

Yours sincerely

Dr Oliver Strimpel  
Curator

# The Computer Museum

300 Congress Street  
Boston, MA 02210  
(617) 426-2800

April 4 1984

Mr Mark Settle  
NASA Headquarters  
Code EE-8  
Washington  
DC 20546

Dear Mr Settle

The Computer Museum is a public, non-profit, industry-wide museum devoted to the history and current practice of information processing. I have enclosed the latest issue of The Computer Museum Report to give you some background.

We have recently moved into a prominent site in downtown Boston where expect to attract an audience with a wide range of interests after we reopen on October 1 1984. I am at present collecting material for a major new exhibit entitled The Computer and the Image - an outline of the content is enclosed. The centre-piece of the image processing section is to be a working demonstration of the mini image processing system developed at the USGS. We have secured the donation of a DEC PDP11/45, Grinnell frame buffer and display and the USGS MIPS software for this purpose.

We would like to use some images from the Landsat thematic mapper in this display. Your name has been given to me by Pat Chavez of the USGS at Flagstaff as someone who might be able to help us obtain the image data for the demonstration. Specifically, we would like to use the TM image of the Boston area, a desert scene, such as the Grand Canyon or some nearby area in Northern Arizona, and perhaps a third contrasting image, such as a mountainous scene in the Himalayas or a large river delta. In addition we would like to use a Voyager image, such as one of Saturn and its rings.

I would be glad to supply you with any further information you might require on the exhibit or on the Museum as a whole. Perhaps you can suggest some images that might be impressive in such a demonstration. I look forward to your response and thank you in advance.

Yours sincerely

Dr Oliver Strimpel  
Curator

