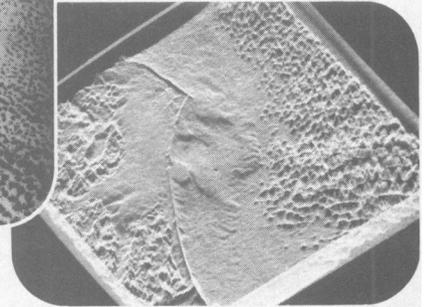


Electronic enhancement of Pamlico Sound, North Carolina, from a satellite photograph.



A three-dimensional enhancement of the same view.

Digital image processing system unlocks earth's secrets from satellite data.

Stanford Technology Corporation chooses HP 3000CX computer system to convert radio signals from the LANDSAT (ERTS) satellites into useful pictures of the earth's resources.

One of NASA's least known spacecraft is well on the way to making some of the most important "civilian" contributions of the space program.

Since 1972, the first Earth Resources Technology Satellite has been looking at the whole earth through a multispectral optical scanner. A second LANDSAT satellite has been in service since January 1975. When properly processed, the digital data transmitted to earth from these satellites provides spectral "signatures" of classes of objects on earth that can be used to inventory many of the world's resources. Agronomists have used the pictures to measure the total acreage of various crops and to project their yields; foresters, to detect timberland insect infestation; planners, to outline land-use patterns and flood-prone areas; geologists, to locate mineral deposits.

The potential usefulness of these pictures in many fields has created a great demand for equipment to

interpret them. A new development by Stanford Technology Corporation—the System 101—is being offered to meet this demand.

This powerful new multi-user digital image processing system is configured around the HP 3000CX, chosen by STC engineers as the computer system best suited to the application.

While the HP 3000CX is fast and powerful enough to satisfy the full range of LANDSAT requirements, it is much easier to use than larger computers, especially by nonspecialists. Many scientists can use it at the same time, some processing images on-line while others develop programs. An extremely simple language with a "menu-prompting" mode is provided for inexperienced users, while advanced users can use a high-level language with efficient command lists.

The STC System 101 should go a long way in reducing the LANDSAT image-processing bottleneck. For more information on System 101, write or call Stanford Technology Corporation in Mountain View, California 94043.

System prices for the HP 3000CX start at \$99,500*.

For more information on these products, write to us, Hewlett-Packard, 1507 Page Mill Road, Palo Alto, California 94304.



Sales and service from 172 offices in 65 countries

Mail to: Hewlett-Packard, 1507 Page Mill Road, Palo Alto, CA 94304.
Please send me further information on

- HP 3000CX Computer System
 HP 2811B Quartz Pressure Gauge

Name _____ Title _____
Company _____
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City _____ State _____ Zip _____

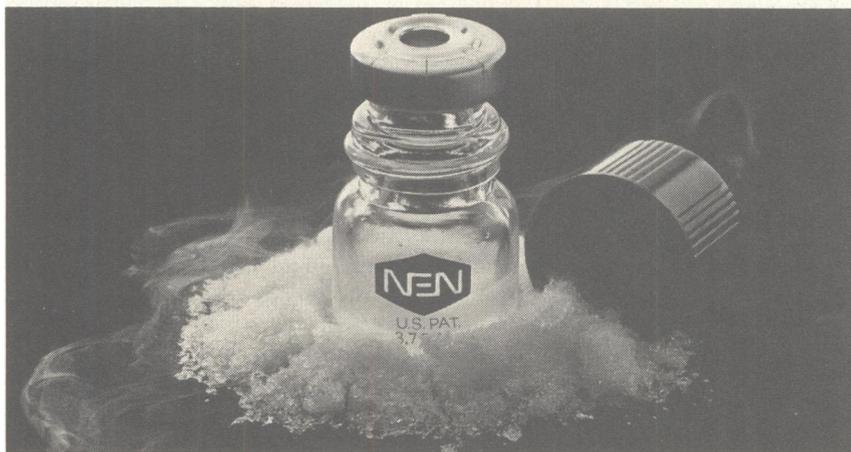
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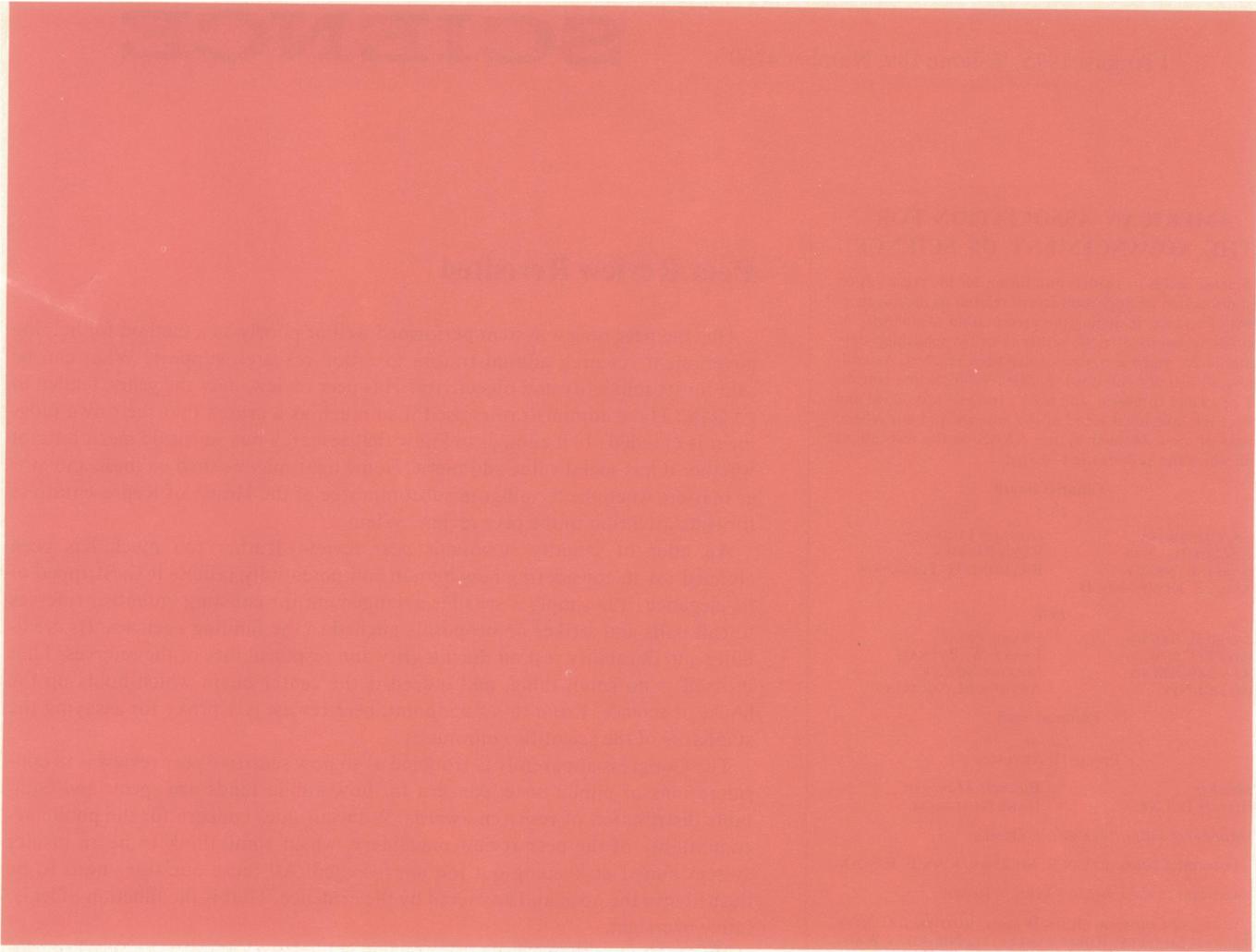


it's the little things that count.

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