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THE UNIVERSITY OF TENNESSEE

COLLEGE OF ENGINEERING Department of Electrical Engineering Knoxville, Tennessee 37916



December 4, 1973

DATE:

NASA Scientific and Technical Information Facility Attn. Earth Resources P.O. Box 33 College Park, Maryland 20740

Robert E. Bodenheimer "Made available under NASA sponsorship FROM: in the interest of early and wide dis-PRINCIPAL INVESTIGATOR semination of Earth Resources Survey IDENTIFICATION NUMBER: UN 654 Program information and without liability for any use made thereof." MMC # 162-06 PROPOSAL NUMBER: NAS5-21875 CONTRACT NUMBER: Progress Report, "ERTS-A Imagery SUBJECT: Interpretation Techniques in the Tennessee Valley."

The purpose of this report is to summarize the research activity on proposal MMC # 162-06 (NAS5-21875), "ERTS-A Imagery Interpretation Techniques in the Tennessee Valley," during the period from September 25, 1973 to November 25, 1973. Principal Investigator for this project is Robert E. Bodenheimer (UN654).

<u>Current Progress</u>. This group has utilized only image transparencies in the ERTS research to this point in Phase III. At the ERTS Investigator Presentations at GSFC on October 29, the question was projected as to why computer compatible tapes had not been used. In view of the

(E74-10098) ERTS-A IMAGERY INTERPRETATION N74-13025 TECHNIQUES IN THE TENNESSEE VALLEY Progress Report, 25 Sep. - 25 Nov. 1973 (Tennessee Univ.) 2 p HC \$3.00 CSCL 05B Unclas G3/13 00098 discussions at this meeting, data processing efforts have been shifted over the past two months to the utilization of the computer compatible tapes.

The first tapes are scheduled for shipment by December 20, 1973. Software for reading the tapes is currently under development for both the bulk processing computer facility and the minicomputer facility of the image processing laboratory.

<u>Next Reporting Period</u>. Software development will continue. Progress in the next report period should provide some results from the utilization of the computer compatible tapes.

Respectfully submitted,

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Robert E. Bodenheimer UN654