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INVESTIGATION OF ERTS/MSS IMAGERY FOR PHOTOMAPPING OF THE UNITED STATES

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Type I Progress Report

ERTS-1

- a. Title: Investigation of ERTS/MSS Imagery for Photomapping of the United States

ERTS-1 Proposal No.: SR 211

- b. GSFC ID No. of P.I.: 056

- c. Problems: None

- d. Accomplishments:

Photographic proofs of photomaps of the State of Arizona at 1:1,000,000 scale and 1:500,000 scale, and the Phoenix 1:250,000 scale 1° x 2° series have been completed. A second version with culture, drainage and names overprinted is in progress for each map.

The Dakotas IMW, Chesapeake Bay IMW, the NW/4 of the Chesapeake Bay IMW at 1:500,000 scale and the Washington 1:250,000 scale photomaps are in various stages of completion.

- e. Significant Scientific Results:

A UTM grid has been fitted to the 1:250,000 scale photomap and has resulted in a RMSE of 50 meters which is well within National Map Accuracy Standards. Fitting of the UTM grid to the State of Arizona photomaps is in progress.

- f. Published Articles and Papers: N/A

- g. Recommendations: N/A

- h. Changes in Standing Order Forms: N/A

- i. ERTS Image Descriptor Forms: N/A

- j. DCP Status: N/A