PHOTOGRAMMETRIC ENGINEERING and REMOTE SENSING

Volume XLI March 1975 Number 3 COVER PHOTO—The iceberg blocking the harbour at St. John's, Newfoundland, was photographed by Capital Air Surveys from a Turbo Aztec on June 3, 1974, from an altitude of 250 feet above sea level. The camera was a Zeiss RMKA 15/23 and film was Kodak Aerocolour Negative, Type 2445, exposed at 1/300 second at f5.6. Photo provided by Capital Air Surveys Limited of Killaloe, Ontario, Canada. TECHNICAL ARTICLES Water Quality in Mixing Zones Drs. T. M. Lillesand, F. L. Scarpace, and J. P. Clapp......285 Variable Flight Parameters for Slar Radar for Small-Scale Land-Use Mapping Fourier Spectra for Non-Homogeneous Patterns Dennis F. Polis321 Autocorrelation Functions in Stereoscopy Dr. J. C. Trinder......325 Accurate Photogrammetry and Photographic Nonlinearities Robert A. Jones331 Asymmetrical Lens Distortion Dr. Youssef I. Abel-Aziz......337 Thermal/IR in Geology

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