

## **ABSTRACT**

This paper describes a distance learning project which was conducted by COMSAT World Systems (CWS) using compressed digital video and C-band very small aperture terminal (VSAT) technology. The purpose of this project was to promote distance learning in Africa. The University of Nairobi College of Education and External Studies in Kikuyu, Kenya, and the University of Zimbabwe near Harare, Zimbabwe, were linked with Texas A&M University in College Station, Texas, via the INTELSAT 603 satellite located at 325.5°E longitude. This paper outlines the technical aspects of the project, including the innovative use of compressed digital video for C-band transmission with a small, flyaway antenna. The problems associated with installing and operating a VSAT at a remote educational facility in Africa are covered, and the educational benefits of distance learning are examined