



## **Implementation of a permanent African geodetic reference frame: RECTAS' experience**

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The implementation of space-geodetic systems in Africa using GNSS resulted in the creation of the African Geodetic Reference Frame, and attendant densification of Continuous Operating Reference Stations (CORS). In 2007, Leica-Geosystem donated and installed a Continuous Operating Reference Stations (CORS) at RECTAS, Ile-Ife, Nigeria, as the host of the 1st (COR) in West Africa, RECTAS is poised to be the gateway for geodetic reference co-ordinates to numerous users. Currently RECTAS has no processing capability. Hence it transmits RINEX data (i.e. positional, meteorological, navigation, etc.) to HartRAO Centre in South Africa for archieving and processing. This paper discusses the problems and potentialities of RECTAS' CORS station.