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Title: Roadmap and Standards for Continuing 3G Evolution

Abstract: The primary "Third Generation" telecommunications standards that have emerged since 2000 are based upon some form of CDMA (Code-Division Multiple Access) technology, most notably CDMA2000 (3GPP2), and Wideband-CDMA (3GPP). Both of these standards, recognized by ITU2000, have evolving roadmaps for incremental performance and capacity improvements. CDMA2000 standards have developed which include 1x and EVDO (revision 0) implementations, and will continue with EVDO, revisions A B and C, The W-CDMA evolution includes UMTS and HSDPA (already deployed), as well as HSUPA. Both standards are embracing different spectrum bands, although those meaningful for the African context are those which utilize radio frequencies below 1 GHz.