A Speed Record for Data Flow 6.25 gigabits per second

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A land speed record for data flow, 6.25 gigabits per second (average rate) moving over an 11,000-km course from Los Angeles to Geneva, Switzerland, has been set a consortium of scientists form the CERN lab in Geneva and Caltech in Pasadena.

On February 22, 2004 they achieved average 6.25 Gbit/s rate with multiple TCP Reno streams for more than 10 minutes from Los Angeles to Geneva using Microsoft Windows for 64 bit with Jumbo frames (9000bytes)

This new result was announced at the Spring 2004 Internet2 Member Meeting in Arlington, Virginia. The World Wide Web got its start at CERN, where particle physicists had to find ways of sending huge loads of data to collaborators. CERN will again need huge flow rates, perhaps at the 10-gigabit-per-second level, when they begin physics experiments at the Large Hadron Collider (LHC) now under construction. (More information at Caltech website.)

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