



SONET/SDH Conversion Chart

You may notice that throughout this guide, the term Synchronous Optical NETWORK or SONET is used consistently instead of Synchronous Digital Hierarchy or SDH.

However, these two terms are somewhat interchangeable. The CGM software handles both SDH and SONET in the same manner. The Cisco 12000 GSR hardware supports both SDH and SONET.

SONET has been defined by the American National Standards Institution (ANSI) and is used in North America.

SDH has been defined by the European Telecommunications Standards Institute (ETSI) and is now used everywhere outside of North America and Japan. SDH was standardized by the International Telecommunications Union (ITU).

The following table parallels SONET and SDH speeds.

Table A-1 SONET and SDH Speed Equivalence

SONET	SDH
OC-3	STM-1
OC-12	STM-4
OC-48	STM-16
OC-192	STM-64

