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INCITS 489-2014

American National Standard

*for Information Technology –
SCSI over PCI Express®(SOP)*

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INCITS 489-2014

American National Standard
for Information Technology –
SCSI over PCI Express[®] (SOP)

Secretariat

Information Technology Industry Council

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Abstract

This standard specifies the information to be transported across PCI Express to support the services required by SAM-5 of a service delivery subsystem.

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Foreword (This foreword is not part of American National Standard INCITS 489-2014.)

This standard defines a SCSI transport protocol for a PCI Express queuing interface. This standard may be used in conjunction with the PCI Express Queuing Interface (PQI) standard. This ensures that investments in such solutions have a stable and managed migration path as technologies continue to evolve and expand.

Requests for interpretation, suggestions for improvement and addenda, or defect reports are welcome. They should be sent to the INCITS Secretariat, International Committee for Information Technology Standards, Information Technology Industry Council, Suite 610, 1101 K Street, NW, Washington, DC 20005.

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**American National Standard
for Information Technology -**

SCSI over PCI Express® (SOP)

1 Scope

The SCSI family of standards provides for many different transport protocols that define the rules for exchanging information between different SCSI devices. This standard defines the rules for exchanging information between SCSI devices using a PCI Express queuing layer. Other SCSI transport protocol standards define the rules for exchanging information between SCSI devices using other interconnects.

This standard does not define the configuration of the PCI Express topology or the mechanisms for sending and receiving these messages across the PCI Express transport.

Figure 1 shows the relationship of this standard to the other standards and related projects in the SCSI family of standards as of the publication of this standard.

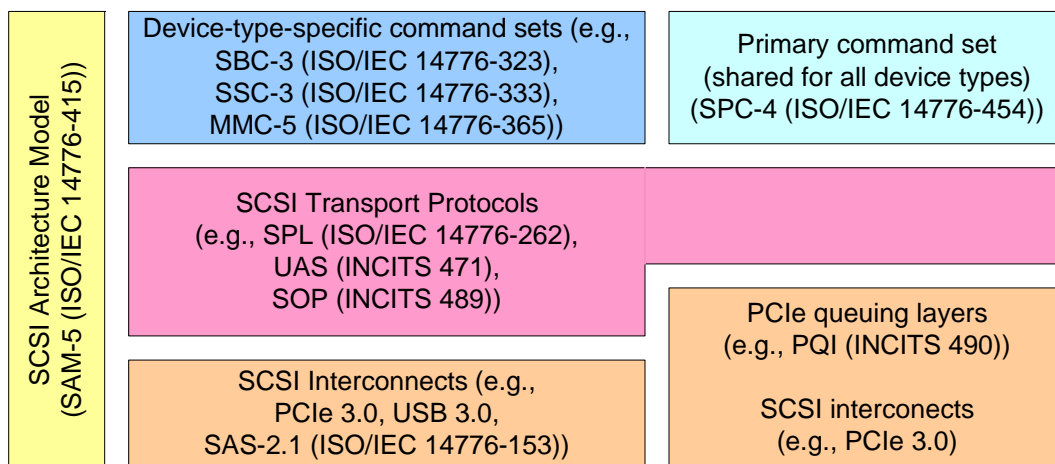


Figure 1 — SCSI document relationships