Mandatory REPORT LUNS Support
(T10/02-260r0)
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The support for REPORT LUNS is highly desirable in today’s networked storage environments. No support of REPORT LUNS (even for devices having only a single logical unit) leaves the implementation guessing/probing for logical units.

Proposal

Specify REPORT LUNS as mandatory to support in SPC-3 and associated device-type specific standards:
- SBC-2 (direct-access, optical memory, and write-once device types)
- SES-2
- SSC-2
- SMC-2
- OSD

In SPC-3 and associated device-type specific standards, change the Type entry in the command table to M.

In SPC-3, remove the last sentence in the clause 7.20 REPORT LUNS command text:

A SCSI device that is capable of supporting a LUN address other than zero shall support a REPORT LUNS command that is addressed to logical unit zero. Support of the REPORT LUNS command by logical units other than logical unit zero is optional. Support of the REPORT LUNS command on devices having only a single logical unit with the logical unit number of zero is optional.