



To: Improved SCSI Protocol Ad-Hoc Group
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Subject: SCSI LFP - INQUIRY and MODE data
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1. LFP bits in INQUIRY Data

Table 19 Standard INQUIRY data format

| Byte | Bit 7 | 6 | 5 | 4 | 3 | 2 | 1 | Bit 0 |
|------|----------------------------|----------|--------------|------------------------|----------------------|-----------|---------|---------|
| 0 | Peripheral qualifier | | | Peripheral device type | | | | |
| 1 | RMB | Reserved | Reserved | Reserved | Reserved | | | |
| 2 | ISO/IEC version | | ECMA version | | ANSI version | | | |
| 3 | AERC | TrmTsk | NormACA | Reserved | Response data format | | | |
| 4 | Additional length (n-4) | | | | | | | |
| 5 | Reserved | Reserved | Reserved | Reserved | Reserved | CRC | QAS | PP |
| 6 | Reserved | EncServ | VS | MultiP | MChngr | ACKREQQt | Addr32t | Addr16t |
| 7 | RelAdr | WBus32t | WBus16t | Sync† | Linked | TranDist† | CmdQue | VS |
| 8 | Vendor identification | | | | | | | |
| 15 | | | | | | | | |
| 16 | Product identification | | | | | | | |
| 31 | | | | | | | | |
| 32 | Product revision level | | | | | | | |
| 35 | | | | | | | | |
| 36 | Vendor-specific | | | | | | | |
| 55 | | | | | | | | |
| 56 | Reserved | | | | | | | |
| 95 | | | | | | | | |
| 96 | Vendor-specific parameters | | | | | | | |
| n | | | | | | | | |

A packet protocol (BCP) bit of one indicates that the device server supports the packet protocol. A value of zero indicates that the device server does not support the broadcast command protocol.

A quick arbitrate select (QAS) bit of one indicates that the device server supports the quick arbitrate select feature. A value of zero indicates that the device server does not support the quick arbitrate select feature.

A cyclical redundancy check (CRC) bit of one indicates that the device server supports the error detection on data transfer. A value of zero indicates that the device server does not support the error detection on data transfer.

2. LFP bits in MODE Data**Table 98 Control mode page**

| Byte | Bit 7 | 6 | 5 | 4 | 3 | 2 | 1 | Bit 0 |
|------|--------------------------|----------|-----------------|----------|----------|----------|--------|-------|
| 0 | PS | Reserved | Page Code (0Ah) | | | | | |
| 1 | Page Length (0Ah) | | | | | | | |
| 2 | Reserved | Reserved | Reserved | ECRC | EQAS | Reserved | GLTSD | RLEC |
| 3 | Queue algorithm modifier | | | | Reserved | Reserved | QERR | DQUE |
| 4 | Reserved | RAC | Reserved | Reserved | SWP | RAERP | UAAERP | EAERP |
| 5 | Reserved | | | | | | | |
| 6 | Ready AER holdoff period | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | Busy timeout period | | | | | | | |
| 10 | Reserved | | | | | | | |
| 11 | Reserved | | | | | | | |

An enable QAS (EQAS) if set enables QAS; if cleared it disables QAS.

An enable CRC (ECRC) if set enables CRC; if cleared it disables CRC.