ENDL
T E X A S

Date: 23 February 2000
To: T10 Technical Committee
From: Ralph O. Weber
Subject: Review of 16-byte operation codes

I have revised the 16-byte operation code list to show proposed operation codes based on the updated information in 99-259r3 (Beyond 2TBytes) and 00-135r0 (Support for Large Block Addresses in SSC). The updated operation code tables are available on the T10 web site under the "Vendor ID, ASC/ASCQ, and Standards Identifier Codes" bullet on the T10 home page. There are a few changes in the already assigned operation codes all of which add a byte length identifier where none previously was present, e.g., SYNCHRONIZE CACHE(10) instead of SYNCHRONIZE CACHE.

For quick review purposes, the updated 16-byte operation codes are shown here.

```
OP   DTLPWRSOMCAEBK    Description
80   O                 XDWRITE EXTENDED(16)
81   O                 REBUILD(16)
82   O                 REGENERATE(16)
83   OOOOOOOO     O    EXTENDED COPY
84   OOOOOOOO     O    RECEIVE COPY RESULTS
85
86                     ACCESS CONTROL IN  [proposed]
87                     ACCESS CONTROL OUT  [proposed]
88   O    oo o    o    READ(16) [proposed]
89                     DEVICE LOCKS  [proposed]
8A   O    o  o    o    WRITE(16) [proposed]
8B
8C                     READ ATTRIBUTES [proposed]
8D                     WRITE ATTRIBUTES [proposed]
8E   O    o  o    o    WRITE AND VERIFY(16) [proposed]
8F   O    oo o    o    VERIFY(16) [proposed]
90   O    oo o    o    PRE-FETCH(16) [proposed]
91   O    oo o    oo   SYNCHRONIZE CACHE(16) [proposed]
91    o                SPACE(16) [proposed]
92   O    oo o    o    LOCK UNLOCK CACHE(16) [proposed]
92    o                LOCATE(16) [proposed]
93   o                 WRITE SAME(16) [proposed]
94                     [usage proposed by SCSI Socket Services project]
95                     [usage proposed by SCSI Socket Services project]
96                     [usage proposed by SCSI Socket Services project]
97                     [usage proposed by SCSI Socket Services project]
98                     MARGIN CONTROL [proposed]
99
9A
9B
9C
9D
9E                     SERVICE ACTION IN [proposed]
9F                     SERVICE ACTION OUT [proposed]
```