

# SAT-2: IDNF Handling

T10/07-453r0

## 1 Issue

Per ATA8-ACS 6.2.4:

The IDNF bit [in the error register] shall be set to one if an address outside of the range of user-accessible addresses is requested when command aborted is not returned (see 4.11.3 and 6.2.1).

which sounds rather like an invalid LBA, while

SAT-2 11.1 Table 88 mandates:

IDNF is translated to MEDIA ERROR/MEDIUM ERROR RECORD NOT FOUND,

which sounds rather like a drive with a formatting error.

## 2 Proposed change

Replace the fifth line of Table 88, currently indicating:

ERROR IDNF    MEDIA ERROR

MEDIUM ERROR RECORD NOT FOUND

by:

ERROR IDNF    ILLEGAL REQUEST

LOGICAL BLOCK ADDRESS OUT OF RANGE