

TO: T10 Membership, SMC-3 Working Group
 FROM: Rod Wideman, Quantum; rod.wideman@quantum.com
 DATE: July 8, 2008
 SUBJECT: SMC-3 New additional sense codes tracking document (document T10/08-272r0)

Rev0 – Initial draft.

Related Documents

T10/08-039r0
 SMC-3r11

Introduction

This document tracks proposals for new additional sense codes to be specified in SMC-3.

Discussion

The new additional sense codes listed in this document reflect the new sense codes agreed to by the working group from among those listed in document T10/08-039 (most are present in this document, with only a few having been removed or modified as a result of the discussions).

This document will be updated as owners are assigned and corresponding proposals drafted for all new additional sense codes.

New Additional Sense Codes Dispositions

Sense Code	Note	Owner, Document
MECHANICAL POSITIONING ERROR – UNABLE TO MOVE		
MECHANICAL POSITIONING ERROR – POWERED OFF		
MECHANICAL POSITIONING ERROR – POSITION NOT REACHED		
DESTINATION CANNOT BE MEDIUM TRANSPORT ELEMENT		
SOURCE CANNOT BE MEDIUM TRANSPORT ELEMENT		
MEDIUM TRANSPORT ELEMENT FULL		
MEDIUM TRANSPORT ELEMENT EMPTY – MEDIUM LOCATION UNKNOWN		
MEDIUM TRANSPORT ELEMENT EMPTY – MEDIUM STILL IN SOURCE		
MEDIUM TRANSPORT ELEMENT EMPTY – DESTINATION CHANGED		
DATA TRANSFER DEVICE ERROR – LOAD FAILED		
DATA TRANSFER DEVICE ERROR – UNLOAD FAILED	Possibly distinguish between missing unload command vs. failed unload operation.	
DATA TRANSFER DEVICE ERROR – EJECT FAILED		
DATA TRANSFER DEVICE ERROR – LIBRARY COMMUNICATION FAILED		
DATA TRANSFER DEVICE ERROR – MEDIUM LOADED AND NOT ACCESSIBLE	“Medium not unloaded” was considered, but not used because it is a double negative.	
IMPORT/EXPORT ELEMENT ERROR – OPEN, INTERVENTION REQUIRED	Consider “Not Ready – I/E open?”	
IMPORT/EXPORT ELEMENT ERROR – CANNOT LOCK		

Sense Code	Note	Owner, Document
IMPORT/EXPORT ELEMENT ERROR – CANNOT UNLOCK		
IMPORT/EXPORT ELEMENT ERROR – CANNOT OPEN		
IMPORT/EXPORT ELEMENT ERROR – CANNOT CLOSE		
ELEMENT STATUS UNKNOWN	No sense key for this one.	
VOLUME IDENTIFIER MISSING	No sense key for this one.	
DUPLICATE VOLUME IDENTIFIER	No sense key for this one.	
VOLUME IDENTIFIER INVALID	No sense key for this one.	
LOGICAL UNIT NOT READY, OPERATING IN SEQUENTIAL MODE		
LOGICAL UNIT NOT READY, A DOOR IS OPEN		
LOGICAL UNIT NOT READY, SYSTEM CALIBRATION REQUIRED		
LOGICAL UNIT NOT READY, SYSTEM CONFIGURATION REQUIRED		
LOGICAL UNIT NOT READY, ROBOTICS DISABLED		