

TO: T10 Membership, SMC-3 Working Group  
 FROM: Rod Wideman, Quantum; [rod.wideman@quantum.com](mailto:rod.wideman@quantum.com)  
 DATE: January 7, 2009  
 SUBJECT: SMC-3 New additional sense codes tracking document (document T10/08-272r3)

Rev0 – Initial draft.

Rev1 – Updated tracking info

Rev2 – Updated tracking info

Rev3 – Updated tracking info

### 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?”	

<b>Sense Code</b>	<b>Note</b>	<b>Owner, Document</b>
IMPORT/EXPORT ELEMENT ERROR – CANNOT LOCK		
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.	N. Snelder T10/08-432
VOLUME IDENTIFIER MISSING	No sense key for this one.	N. Snelder T10/08-432
DUPLICATE VOLUME IDENTIFIER	No sense key for this one.	N. Snelder T10/08-432
VOLUME IDENTIFIER INVALID	No sense key for this one.	N. Snelder T10/08-432
LOGICAL UNIT NOT READY, OPERATING IN SEQUENTIAL MODE		N. Snelder, T10/08-320
LOGICAL UNIT NOT READY, A DOOR IS OPEN		N. Snelder, T10/08-320
LOGICAL UNIT NOT READY, SYSTEM CALIBRATION REQUIRED		N. Snelder, T10/08-320
LOGICAL UNIT NOT READY, SYSTEM CONFIGURATION REQUIRED		N. Snelder, T10/08-320
LOGICAL UNIT NOT READY, ROBOTICS DISABLED		N. Snelder, T10/08-320