Maxtor®

Maxtor Corporation
500 McCarthy Boulevard
Milpitas, CA 95035 USA

To: T10 CAP Working Group
Contact: Mark Evans
**   Phone: 408-894-5310**
**   Email: mark_evans@maxtorcom**
Date: 11 September 2002

Subject: Proposal for adding new arguments for Data-In Delivered and Data-Out Received confirmations into SAM-3

Introduction

The Data-In Delivered and Data-Out Received confirmations in SAM-3 notify successful delivery of data only. The following proposes adding the option of service delivery failure. The following proposed "drop-in replacement text" is based on SAM-3r01.

5.4.3.2 Data-In Delivery Service

.....

Confirmation:

Data-In Delivered (IN (I_T_L_x Nexus, Delivery Result))

This confirmation notifies the device server that the specified data was successfully delivered to the application client buffer, or that a service delivery subsystem error occured while attempting to deliver the data.

Argument descriptions:

I_T_L_x Nexus:	either an I_T_L nexus or an I_T_L_Q nexus (see 4.11).
Delivery Result:	this argument is used to provide additional information to the device server regarding delivery of the data:

DELIVERY SUCCESSFUL: The data was delivered successfully.
DELIVERY FAILURE: A service delivery subsystem error occured while attempting to deliver the data.

5.4.3.3 Data-Out Delivery Service

.....

Confirmation:

Data-Out Received (IN (I_T_L_x Nexus, Delivery Result))

This confirmation notifies the device server that the specified data was successfully received into its buffer, or that a service delivery subsystem error occured while attempting to receive the data.

Argument descriptions:

I_T_L_x Nexus: either an I_T_L nexus or an I_T_L_Q nexus (see 4.11).
Delivery Result: this argument is used to provide additional information to the device server regarding delivery of the data:

DELIVERY SUCCESSFUL: The data was received successfully.

DELIVERY FAILURE: A service delivery subsystem error occured while attempting to receive the data.