To: T10 CAP Working Group  
Contact: Curtis E. Stevens  
         Phone: 949-672-7933  
         Email: Curtis.Stevens@wdc.com  
Date: July 14, 2008  

Subject: UAS Clause 4 (Model)  

1 Related documents  
UASr1, USB Attached SCSI revision 1  
USB-2, Universal Serial Bus Revision 2.0  

2 Introduction  
This proposal defines the model clause for UAS. The model clause describes a 4 pipe configuration for USB 2 and  

3 Proposed additions to UAS  
The following text replaces clause 4 of UAS
4 Model

4.1 USB

4.1.1 Overview
USB devices implementing this standard shall support full or high speed operation as defined by the USB-20 specification. The minimum configuration for a UAS target is one Control pipe, two Bulk-in pipes, and two Bulk-out pipes. UAS targets shall only support a single initiator. Figure 1 describes the relationships of the pipes in a UAS target.

![Diagram of USB Model]

The Control pipe is a required by USB-20, and is not used by this standard.

The target receives Information Units (IUs) from the initiator using the Command pipe and responds with IUs using the status pipe.

The Data From Initiator and Data From Device pipes are for transferring data between the initiator and target.