WESTERN DIGITAL
CORPORATION

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RE : Presentation and Minutes of the DCS session during the Working Group at
     Providence, May 8-9, 1990.

In preparation for the next "working document" to be presented to the committee, a few
slides were shown to the working group for continued feedback. In ordinary
circumstances, such diplomacy, if you will, would be unnecessary overkill, but given the
tumultuous course of SCSI Diagnostics to this point, it may have merit. But, the time has
come and we as a committee have to reach some conclusions in the near future.
Hopefully, the above referenced document (hopefully readied by the June Plenary) will
seal the fate of SCSI Diagnostics (either way).

Slide #1:

SCSI DIAGNOSTICS
"JUMBO SHRIMP"

* PURPOSE OF WORKING GROUP

   To create the opportunity for feedback prior to the regeneration of a "DCS" working document.

* RESTATEMENT OF "DCS" GOAL

   To standardize physical layer access to SCSI devices;

   STEP 1: Rigid Disk Drives

Slide #2:

DIAGNOSTICS WORKING DOCUMENT

* PURPOSE OF THIS DOCUMENT

   (1) To encourage the continued addressing of "Standardized Physical layer access"

   (2) To provide for the embodiment of disk drive diagnostic fundamentals previously documented (X3B7.1, etc.)

   (3) To present concerns that must (should) be addressed somewhere within SCSI.

   (4) To demonstrate acknowledgement of the obvious objections raised during previous document attempts.

Slide #3:
PROPOSED ORGANIZATION OF A DIAGNOSTICS WORKING DOCUMENT (part 1)

* DISCLAIMER

   The generated document is not meant for direct inclusion in the SCSI-3 working draft(s), but is assembled with the concept that such an inclusion may eventually occur.

* STANDARD INTRODUCTION VERBAGE

   A few words on Motherhood and Apple Pie...

Slide #4:

PROPOSED ORGANIZATION OF A DIAGNOSTICS WORKING DOCUMENT (part 2)

* SCOPE

  Limited to Rigid Disk Drives

* OBJECTIVE

  Briefly list and explain the RDD diagnostics fundamentals. This will permit the verification that the derived model included all such points.

* THE BODY: SCSI DIAGNOSTICS

  · "SCSI-ize" the points delineated in the OBJECTIVE section.

Slide #5:

THE ROAD AHEAD...

(1) Creation of the Document,

(2) Review and Update of the Document,

(3) Acceptance of the Document,

Note: This is <u>not</u> an endorsement of the document's SCSI-3 worthiness.

(4) Blending in accepted extensions (from (3)) into the SCSI-3 documents,

(5) Assessing the need for a Diagnostics Model section of the SCSI-3 Document(s).

Note: This would essentially be a "SCSI Diagnostics Application Note", if you will.

Slide #6:

WORKING GROUP INPUTS

(1) Be aware of physical constraints of the transport media (e.g., Fiber)
-> Limit document to command extensions, etc.

(2) Address moving technologies (localize the areas that would change as technology changes)