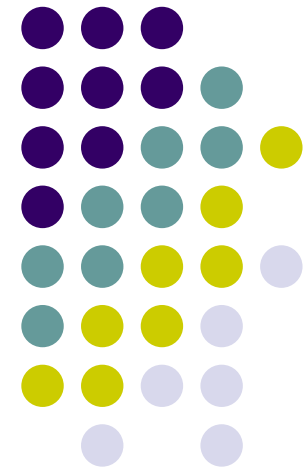


Logical Format Writer WG Test W7 Report

Chair : A. Shinohara (TEAC)
Co-Chair : T. Maruyama (Pioneer)





Test W7 outline

- Purpose of WG:
 - To maintain and improve the logical compatibility between writer devices which support DVD-R/RW recording.
- Purpose of Test W7:
 - To confirm and improve the logical compatibility between writers through the execution of fundamental and important functions regarding recording on DVD-R/RW disc, so that a disc can be used with ease in various writers.
- Scope:
 - Logical structures specified in the DVD-R/RW Specifications Part 1.

Test W7 outline



- Testing on following items:
 - Incremental Recording on DVD-R (8cm Disc).
 - Quick format & Restricted Overwrite on DVD-RW (8cm Disc).
 - Basic recording operation on DVD-R/RW.
 - Playback test of DVD Download Disc (with video contents).
 - The behavior of the drive was confirmed with the DVD-Download Disc, which is thought to spread widely.
 - Mount check of DVD-RW for DL (Video mode Finalized) and DVD-Download Disc (Blank Disc)
 - To check behavior of legacy drives and current drives.
- Participants may choose which test(s) they desire to participate in.

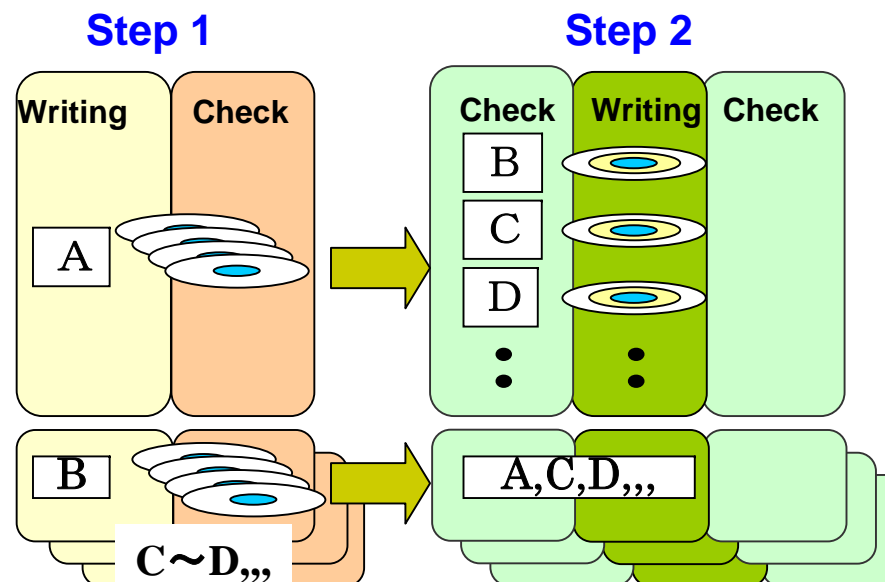
Disc circulation



- Incremental Recording on DVD-R.



- Quick format & Restricted Overwrite on DVD-RW.



- Playback test and mount check :
Test discs were distributed to a participating member from the chair.



Test W7 Outline

- Check items in each recording test.
 - Test on PC (file system) - disc mount, format, file writing, and file reading.
 - Detailed test of items - disc recognition, status of Disc and Rzone, and parameters of RMD.
- Check items in playback test of DVD Download Disc.
 - Test on PC - disc mount, file recognition, and Video playback.

Note: Officially, the DVD Download Disc may not play in recorders and PC drives which are not marked with the “DVD Download” label.



Test W7 Participants

- Hitachi, Ltd.
- Hitachi-LG Data Storage, Inc
- LITE-ON IT Corporation
- Panasonic Communications Co., Ltd.
- Pioneer Corporation
- Sony NEC Optiarc Inc.
- TEAC Corporation
- Toshiba Samsung Storage Technology Corporation

Schedule



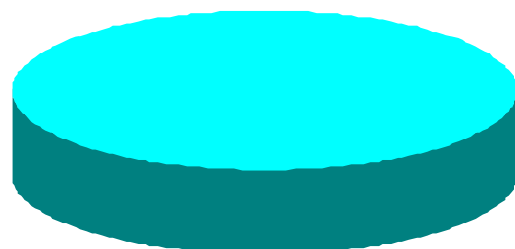
Action Items	07/6	7	8	9	10	11	12	08/1	2	3
1 Meeting and Report	©6/13			©9/14			©12/14			
2 Discussion on test procedure	→									
3 Preparation for test			→							
4 Test				→						
5 Summarization of test result							→			
6 Confirmation by participants									→	
8 Final report										©Complete

Result of Test

Incremental Recording on DVD-R (8cm)



Test W7



100% Passed

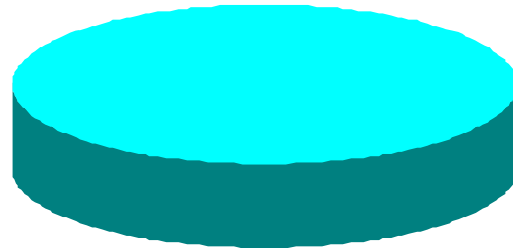
- The number of participation is 7 companies.
The number of combination is 42.
- 41 items were confirmed in each combination.
- 42 combinations completed compatibility test.

Result of Test

Quick Format & Restricted Overwrite on DVD-RW (8cm)



Test W7



100% Passed

- The number of participation is 7 companies.
The number of combination is 42.
- 10 items were confirmed in each combination.
- 42 combinations completed compatibility test.

Result of Test



Playback test of DVD Download Disc.

- Participants : 7 companies.
 - 27 (DVD reader) and 41 (DVD writer) drives were examined.
- There was no report that gave a problem to the disc and the drive.
- Almost all drives could play back the contents.
 - There was a report that a writer couldn't play back.

Result of Test



Mount check of DVD-RW DL (Video mode Finalized)

- Participants : 6 companies.
 - 15 (DVD reader) and 21 (DVD writer) drives were examined.
- There was no report that gave a problem to the disc and the drive.

Mount check of DVD Download Disc (Blank)

- Participants : 5 companies.
 - 20 (DVD reader) and 29 (DVD writer) drives to be examined.
- There was no report that gave a problem to the disc and the drive.
 - There was a report that ejecting disc was not easy.

Summary of Results



- High degree of compatibility among participating writers has been achieved in all test items for the recording models using DVD-R/RW discs.
- By this mount check, there was no report that gave a problem to the disc and the drive.
- Common understanding regarding the interpretation of format specification was developed.

Next Plan (Draft)



- **Restricted Overwrite on DVD-RW Dual Layer.**
 - Although a drive and application are not marketed, it is a new format and it still seems that compatibility verification by RRT will be desired.



Thank you