

# Status Report from WG-9 of the DVD Forum on Content Protection Systems

Atsushi Ishihara  
WG-9 Chair

## Related Meetings

- WG-9 : December 8, 2006 @ Tokyo
- TCG : December 13 & 14, 2006 @ Burbank
- SC : November 29, 2006 @ Nara

## CSS Managed Recording

- SC approved the following resolutions for the CSS Managed Recording at the meeting on Nov. 29th
  1. To instruct the TCG to direct WG-6 to forward an optional portion of the DVD-R specification book for Managed Recording with CSS on single-layer discs, optimized for compatibility, to the TCG for consideration at the December 13/14 meetings.
  2. To inform the TCG that the current level of compatibility for the single-layer discs tested in the recent PRRT is acceptable for playback in DVD-Video play-only devices.

## CSS Managed Recording (2)

3. To instruct the TCG to make best efforts so that the new optional portion of the DVD-R specification book for Managed Recording with CSS protection is to be forwarded to the SC immediately after the TCG December meeting for consideration by letter voting of the SC before the end of the year of 2006, but in no event later than would allow voting by January 31, 2007.
4. To instruct FLAG to create a new logo or mark and form of notification to consumers regarding compatibility, and to finalize both as soon as possible.

## CSS Managed Recording (3)

5. To instruct the TCG to direct AH0-21 and/or WG-6 to continue its work to further improve compatibility of dual-layer discs generally and for single and dual-layer discs with other legacy DVD Devices including writers and recorders.

## CSS Managed Recording (4)

- Because the optional portion of the DVD-R for general specification book for CSS Managed Recording was not completed by the TCG meeting on December 13th/14th, an extra TCG meeting is scheduled on January 16th
- TCG instructed WG-1 and WG-3 to study necessary modifications to the DVD-Video application format and file system format specification books
- WG-9 reviewed an idea about downloading contents for CSS Managed Recording with using CPRM as an additional layer of protection
  - Some members stated preference on using single popular content protection system for CE devices

## DVD-Video format recording using CPRM

- SC approved, at its meeting on November 29th, related optional specifications for DVD-Video application format and file system format with condition of issuance is that the guideline "DVD Downloadable Video Guideline" is approved by TCG
- TCG provisionally approved the guideline at its meeting on December 13th/14th with a few modifications pending
- 4C provided a release candidate of updated CPRM Specification DVD Book that incorporates a new chapter for the DVD-Video format for review by the DVD Forum. The review was conducted until January 8th and submitted comments were fed back to the 4C.

## HD DVD-Video/VR format recording onto red laser DVD writable media using AACCS

- SC approved, at its meeting on November 29th, definition of recording/playback function Type 2 for HD DVD-Video/VR format on red-laser DVD recordable media
  - Type 2 is designed for red laser only device with at least one of HD DVD-Video or HD DVD-VR format recording capability
  - SC had approved Type 2 provisionally in September



## Next Meeting Schedule

- WG-9 : February 6, 2007 @ Tokyo
- TCG : January 16, 2007 @ Tokyo  
February 7 & 8, 2007 @ Tokyo
- SC : February 28, 2007 @ Tokyo

## Contact

- DVD Forum
  - <http://www.dvdforum.org>
- DVD Forum Secretary Office
  - Sadayoshi Sata
    - Phone :+81-3-5777-2881 Fax : +81-3-5777-2882
- DVD Forum WG9
  - Atsushi Ishihara/Toshiba Corporation
    - Phone :+81-45-770-3310
- DVD Forum WG9 Ad Hoc1 (Ah9-1)
  - Kosuke Ajima /Pioneer Corporation
    - Phone :+81-42-990-2807
- DVD Forum WG9 Ad Hoc2 (Ah9-2)
  - Brad Collar / Warner Bros. Entertainment Inc.
    - Phone :+1-818-977-6610
- DVD Forum WG9 Ad Hoc3 (Ah9-3)
  - Jim Alkove /Microsoft Corporation
    - Phone :+1-425-706-8984
- DVD Forum WG9 Ad Hoc4 (Ah9-4)
  - Carter Laren /Cryptography Research Inc.
    - Phone :+1-415-957-2667