RDVDC Objectives

- Established in 2001
- Number of startup members were 58 co.
- Opened N.A. Office in 2001
- Opened Europe Office in 2002

DVD-RAM, DVD-R, DVD-RW, and DVD Multi format promotion and info exchange

DVD-RAM Compatibility Logo

Compatibility Working Group (CWG)
Real DVD

RDVDC Members

Japan: 55
Korea: 8
Taiwan: 8
North America: 11
Europe: 3
Others: 2

Total: 87 Companies

August 31, 2004
Joint Round Robin Test

RWPPPI/RRT  RDVDC/CWG
Compatibility WG Scope & Goal

User Satisfaction

Improve Compatibility/Reliability

Format Understanding

Largest Compatibility Testing in a short time

Information sharing

Development term Shortening

Compatibility confirming Before shipping

Service from CWG
- Guideline
- Ref. Discs

Keep compatibility from CWG

RDVDC Recordable DVD Council
Organization & Activity

Compatibility WG
36 Members / Companies

SWG1
• Tester

SWG2
• Discs & drives

SWG3
• Recorder/Player
• Camcorder
• PC application (VR Mode)

Operation Committee

Procedure

Test discs & RRT

Information

SWG1 Overview

- Purpose & Objectives
  - For reducing quality dispersion of discs in the market
  - through maintain the compatibility of development tools

- Participants & Test Items
  - 18 DVD-RAM disc testers from 9 companies
    (7 Disc/1 Tester/1 Drive manufacturers)
  - 81 Test Items

- Results
  - Obtain the correlation of DVD-RAM testers
  - Create 7 kinds of Reference Discs and lending service
  - The Test Procedures are applicable to 5x - 16X DVD-RAM
Tester Compatibility (SWG1)

Improve the Quality dispersion of manufactured discs

Reference discs

Company A
- Playback tester
- Recording tester

Company B
- Playback tester
- Recording tester

Company C
- Playback tester
- Recording tester

test results test results

Analysis ⇒ Discussion ⇒ Re-measurement ⇒ Compatibility Improvement
Disc & Drive SWG2 Overview

- **Purpose & Objects**
  - To confirm the compatibility between DVD-RAM discs and drives

- **Participants & Test Items**
  - 25 products from 14 companies
    - (4 disc/10 drive manufacturers)
  - 72 Test Items

- **Results**
  - Confirmed the compatibility among 9 discs and 16 drives through the round-robin tests
  - Created 6 kinds of Reference Discs and lending service
  - The Test Procedures are applicable to 5x-16X DVD-RAM
Drive & Disc Compatibility (SWG2)

Enhance user satisfaction of DVD-RAM

Read Compatibility Test

Write/Read Compatibility Test

Disc Company

Drive Company

NO-1 NO-2 NO-3

・・・

Write/Overwrite

Player N

Write

Read

Writer A

Writer B

Writer C

・・・
SWG3 Overview

- **Purpose & Objects**
  - For enhancing the compatibility of VR Mode on DVD-RAM
  - To setup the Test Procedure in playback, edit and appending of recorder, player, camcorder and PC application

- **Participants & Test Items**
  - 13 products from 9 companies
    - (7 Consumer/6 PC application)
  - 47 Test Items and 277 combinations

- **Results**
  - Confirmed the compatibility of VR on DVD-RAM
  - Defined the Test Procedures
DVD-RAM VR-Mode Compatibility (SWG3)

Enhance user satisfaction of VR mode on DVD-RAM

**STEP 1:** Record

**STEP 2:** Playback

**STEP 3:** Edit

After Editing, Playback with original equipment

Disc recognition, Playback, Trick play, and Display information

Equipment A

Equipment B

Equipment C

Equipment D

Equipment E

**STEP 1:** Record

**STEP 2:** Playback

**STEP 3:** Edit
Activity Summary

- Completed 200 Test items on 56 DVD-RAM products
  - Correlation of 18 DVD-RAM Testers
  - Compatibility between 9 Discs and 16 drives
  - Compatibility of VR modes on 13 DVD-RAM products
- Defined the Guideline for Compatibility:
  - Set the Criteria and test methods
  - Created Reference Discs and started lending service
- Facilitated the lateral communication among the participants
- All activities ensured users satisfaction
  - Industry wide tests were carried out through JRT

RDVDC Recordable DVD Council
Guideline and Reference Disc Service

Available to RDVDC members

☑ Guideline for Compatibility Test (2x-RAM/3x-RAM)
  ▪ Available for Tester/Drive & Disc/VR-mode
  ▪ Useful for New Participants & new models as a test guide

☑ Reference Discs Lending Service (2x-RAM/3x-RAM)
  ▪ Available for Tester/Drive
  ▪ Useful for New Participants & new models as a test tool
  ▪ Reference discs:
    ▪ Tester : 4 kinds (2x) / 3 kinds (3x)
    ▪ Drive & Disc : 4 kinds (2x) / 2 kinds (3x)
Activity Plan for 2004

• RWPPI and RDVDC continue the JRT

• RRT Schedule
  – Started from Sept. 2004
  – Feb. 2005 planned completion

• Focus on high speed products
  – 8x speed DVD-R
  – 4x speed DVD-RW
  – 5x speed DVD-RAM
We welcome your membership and participation

Thank you

Contact:
Mr. Fusao Ushio of RDVDC:
ushio.fusao@jp.panasonic.com