What is Mt. Rainier?
- The original Mt. Rainier specification was defined for CD-RW (CD-MRW)
  - Defect management in the drive
  - 2k addressing handled by the drive
  - Background formatting

DVD+RW adopted the similar defect management of CD-MRW

Read-out by current DVD-ROM drives
- Re-mapper driver will be provided for reading the data in spare area.
**DVD+MRW Disc Layout** (1)

- **MTA (Main Table Area):**
  - Reserved from the lead-in
  - Contains structures that identify the media format and structures for management of the defect replacement system.

- **GAA (The General Application Area):**
  - Provides minimally 2 MB of user space and must align its logical address space exactly with the logical address space associated with the traditional media format.
**DVD+MRW Disc Layout (2)**

<table>
<thead>
<tr>
<th>Lead-In</th>
<th>Data</th>
<th>Lead-out</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTA</td>
<td>DMA</td>
<td>STA</td>
</tr>
<tr>
<td>(variable)</td>
<td>(variable)</td>
<td>(variable)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>GAA</th>
<th>SA1</th>
<th>UDA</th>
<th>SA2</th>
<th>STA</th>
</tr>
</thead>
<tbody>
<tr>
<td>(64)</td>
<td>(256)</td>
<td>(139218/126930)</td>
<td>(3840/16128)</td>
<td>(66) (Number of ECC blocks)</td>
</tr>
</tbody>
</table>

- **DMA (The Defect Managed Area):**
  - Contains both UDA (User Data Area) and SA (Spare Area 1/2)
  - The DMA is independently addressable, so it contains its own, well-defined LBA 0.

- **STA (Secondary Table Area):**
  - A backup copy of the MTA
  - Provides a way for a host to access the MRW structures when connected to a read-only device that is not MRW capable