

DVD+MRW (Mt. Rainier)



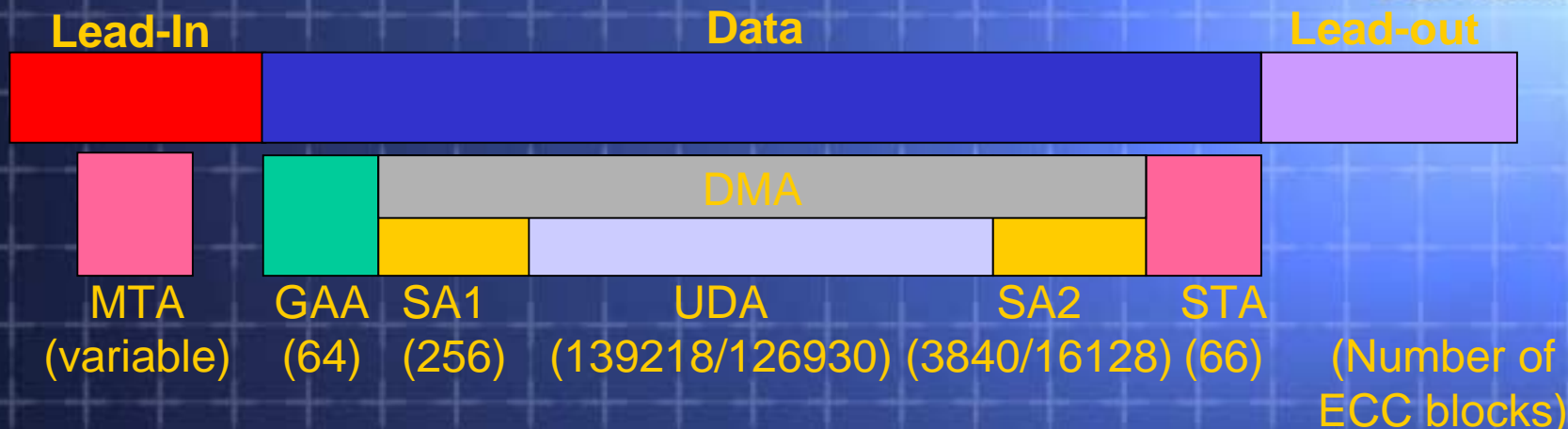
- What is Mt. Rainier?
 - The original Mt. Rainier specification was defined for CD-RW (CD-MRW)
 - Defect management in the drive
 - 2k addressing handled by the drive
 - Background formatting
- DVD+RW adopted the similar defect management of CD-MRW
- Read-out by current DVD-ROM drives
 - Re-mapper driver will be provided for reading the data in spare area.

DVD+ReWritable



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DVD+MRW Disc Layout (1)



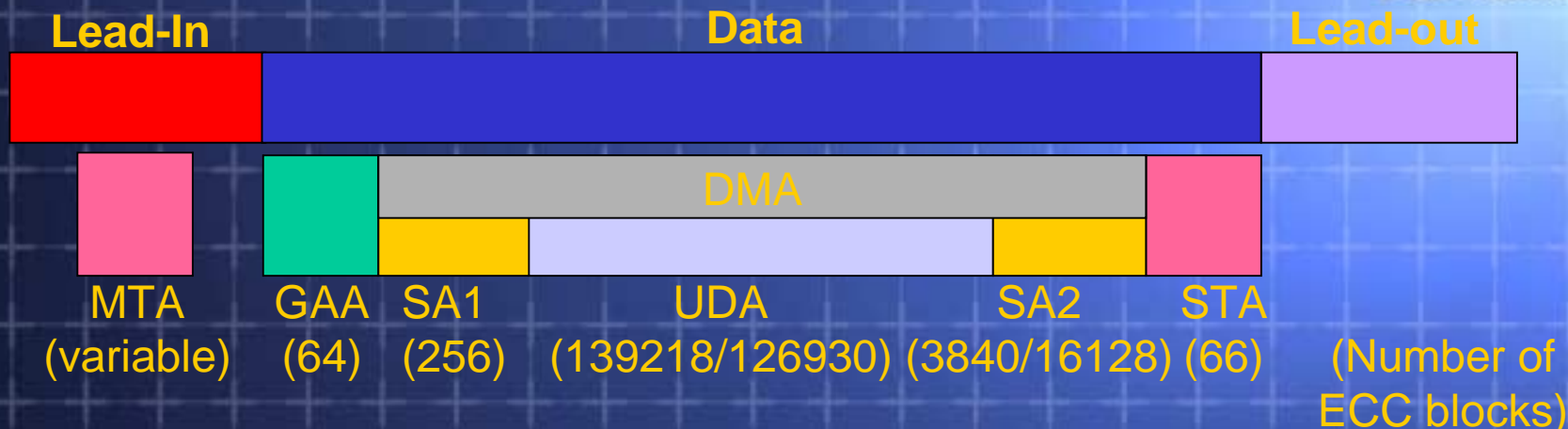
- **MTA (Main Table Area):**
 - Reserved from the lead-in
 - Contains structures that identify the media format and structures for management of the defect replacement system.
- **GAA (The General Application Area):**
 - Provides minimally 2 MB of user space and must align its logical address space exactly with the logical address space associated with the traditional media format

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DVD+MRW Disc Layout (2)



- **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

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