

# Slot Numbering

When a [Volume](#) has a slot in TapeTrack, the slot is represented by both a [Virtual Slot](#) and [Physical Slot](#).

When displaying Physical Slot, the slot will either be displayed as a slot, or a level and a slot (when the [Zone](#) the slot belongs to has defined slots per level).

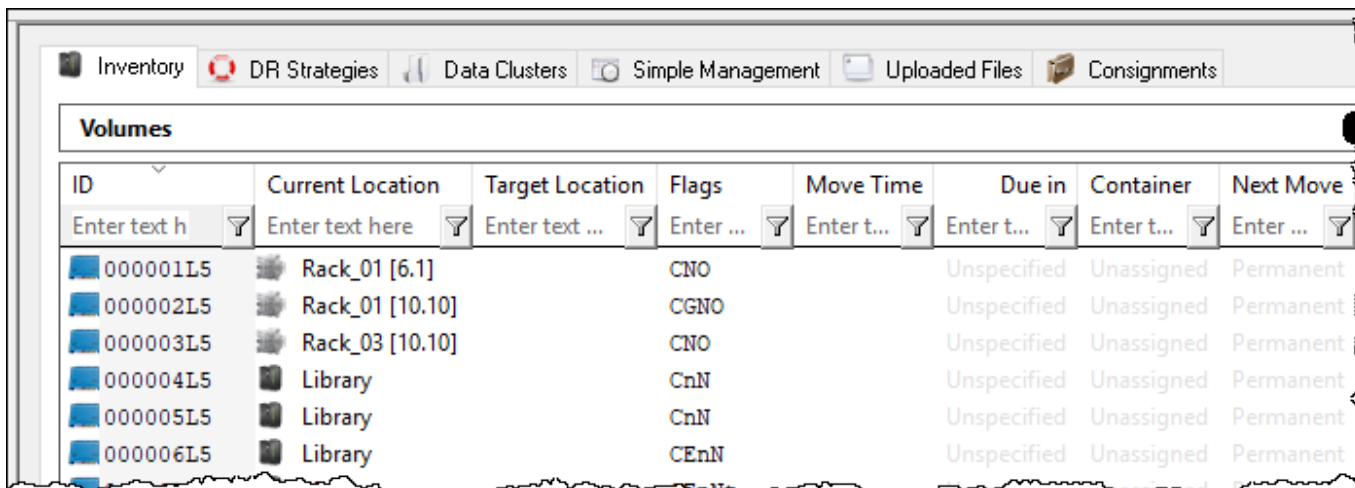
It is possible to change the way a Physical Slot is displayed in TapeTrack Desktop and TapeTrack Batch programs by defining changes in the [Configuration File](#).

## Changing Physical Slot Representation

### Masking the Slot

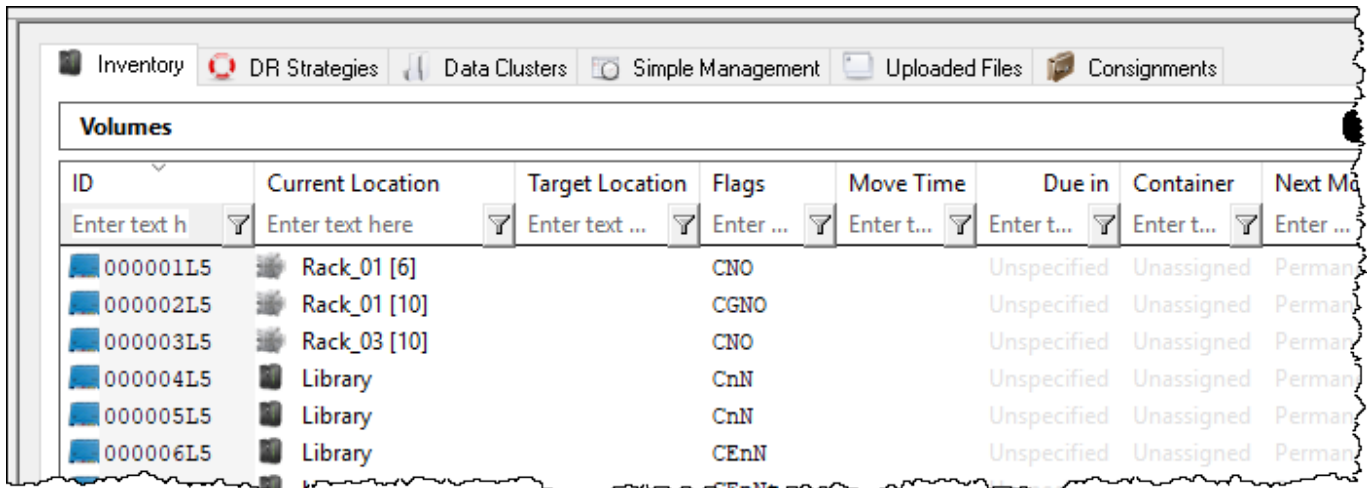
The display in TapeMaster and Lite can be modified to mask the Slot number of the [Volumes](#), displaying [Zone](#) and Shelf only. This can be useful storing [Volumes](#) in drawers with a limited number of Slots, allowing librarians to Slot the [Volumes](#) quickly in a [Zones](#) shelf location without needing to adhere to a Slot Number.

No Slot Masking - TapeMaster displaying [Zone](#), shelf and Slot (in the format **Zone\_ID [shelf\_number.slot\_number]**).



| ID       | Current Location | Target Location | Flags | Move Time | Due in      | Container  | Next Move |
|----------|------------------|-----------------|-------|-----------|-------------|------------|-----------|
| 000001L5 | Rack_01 [6.1]    |                 | CNO   |           | Unspecified | Unassigned | Permanent |
| 000002L5 | Rack_01 [10.10]  |                 | CGNO  |           | Unspecified | Unassigned | Permanent |
| 000003L5 | Rack_03 [10.10]  |                 | CNO   |           | Unspecified | Unassigned | Permanent |
| 000004L5 | Library          |                 | CnN   |           | Unspecified | Unassigned | Permanent |
| 000005L5 | Library          |                 | CnN   |           | Unspecified | Unassigned | Permanent |
| 000006L5 | Library          |                 | CEnN  |           | Unspecified | Unassigned | Permanent |

Slot Masking - TapeMaster displaying [Zone](#) and shelf only (in the format **Zone\_ID [shelf\_number]**).



| ID       | Current Location | Target Location | Flags | Move Time | Due in      | Container  | Next Move |
|----------|------------------|-----------------|-------|-----------|-------------|------------|-----------|
| 000001L5 | Rack_01 [6]      |                 | CNO   |           | Unspecified | Unassigned | Permanent |
| 000002L5 | Rack_01 [10]     |                 | CGNO  |           | Unspecified | Unassigned | Permanent |
| 000003L5 | Rack_03 [10]     |                 | CNO   |           | Unspecified | Unassigned | Permanent |
| 000004L5 | Library          |                 | CnN   |           | Unspecified | Unassigned | Permanent |
| 000005L5 | Library          |                 | CnN   |           | Unspecified | Unassigned | Permanent |
| 000006L5 | Library          |                 | CEnN  |           | Unspecified | Unassigned | Permanent |

Further information and instructions on [masking Slots](#) can be found here

## Changing The Level

When creating (or editing) a storage [Zone](#) for [Volumes](#) you have the ability to specify not only the number of Slots but the number of Slots per level or Shelf. This enables TapeTrack to display the location of a [Volume](#) by [Zone](#), Shelf and Slot number.

If you prefer Shelf levels to be displayed alphabetically, or any other string values, this can be achieved via the desktop software configuration file.

## Setting Shelf Name Values

Open the configuration file, found in the desktop installation directory (eg TapeMaster default installation directory `TapeTrack/Tapemaster/TMSSMaster.cfg`, Lite default installation `TapeTrack/Tapemaster/TMSSLite.cfg`) in a text editor such as Notepad.

- Uncomment (remove `/*` above and `*/` below) the code block `variables = { TMSSEVELNAMES="A,B,C"; }`;
- Set the Shelf names as required, default is level 1 = A, level 2 = B and level 3 = C.
- Add any extra Shelf names if required, for example if you have 10 Shelves `TMSSEVELNAMES="A,B,C,D,E,F,G,H,I,J";`
- Save file, ensuring it is saved with the extension `.cfg` and not `.txt`
- Restart your desktop software and check the change is effected correctly

## Example

TapeTrack TapeMaster display with [Zone](#) set to 10 slots per Shelf. Display for [Volume](#) 000001L5 shows in [Zone](#) Rack\_01, Shelf 6, Slot 1 (in the format **Zone\_ID [shelf\_number.slot\_number]**). The default display mode shows Shelf allocation numerically.

| ID       | Current Location | Target Location | Flags | Move Time | Due in      | Container  | Next Move |
|----------|------------------|-----------------|-------|-----------|-------------|------------|-----------|
| 000001L5 | GT1 [1.1]        |                 | CNO   |           | Unspecified | Unassigned | Permanent |
| 000002L5 | GT1 [1.2]        |                 | CGNO  |           | Unspecified | Unassigned | Permanent |
| 000003L5 | GT1 [1.3]        |                 | CNO   |           | Unspecified | Unassigned | Permanent |
| 000004L5 | GT1 [1.5]        |                 | CNO   |           | Unspecified | Unassigned | Permanent |
| 000005L5 | Library          | Offsite Vault   | CMnN  | H23:12:17 | Unspecified | Unassigned | Permanent |
| 000006L5 | Library          | Offsite Vault   | CEMnN | H23:12:17 | Unspecified | Unassigned | Permanent |

After alteration to the TMSMaster.cfg to set TMSLEVELNAMES="A,B,C", TapeMaster displays the shelf levels alphabetically, exchanging 1 for A, 2 for B etc.

Display for Volume 000001L5 shows in Zone Rack\_01, Shelf A, Slot 1 (in the format **Zone\_ID [shelf\_number.slot\_number]**).

| ID       | Current Location | Target Location | Flags | Move Time | Due in      | Container  | Next Move |
|----------|------------------|-----------------|-------|-----------|-------------|------------|-----------|
| 000001L5 | GT1 [A.1]        |                 | CNO   |           | Unspecified | Unassigned | Permanent |
| 000002L5 | GT1 [A.2]        |                 | CGNO  |           | Unspecified | Unassigned | Permanent |
| 000003L5 | GT1 [A.3]        |                 | CNO   |           | Unspecified | Unassigned | Permanent |
| 000004L5 | GT1 [A.5]        |                 | CNO   |           | Unspecified | Unassigned | Permanent |
| 000005L5 | Library          | Offsite Vault   | CMnN  | H23:03:17 | Unspecified | Unassigned | Permanent |
| 000006L5 | Library          | Offsite Vault   | CEMnN | H23:03:17 | Unspecified | Unassigned | Permanent |

[technote](#), [slotting](#), [zones](#), [tapemaster](#), [config](#)

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