

# Scan To Slot Via Repository Usage Map

From the Inventory window of your required [Customer](#) and [Media Type](#) right click the [Repository](#) you want to [Slot](#) the [Volumes](#) in and select View Repository Usage Map.

The screenshot shows the TapeTrack TapeMaster™ (GazillaByte) interface. The main window is titled 'Inventory' and displays a list of Volumes for the 'Los Angeles Data Center LTO Cartridge' repository. The table below represents the data shown in the 'Volumes' section:

ID	Current Location	Target Location	Next Move	Description
000000L6	Library		Permanent	
000001L6	Gemtrac		Thursday, N...	Weekly
000002L6	Library	Rack A [1.2]	Friday, Nove...	Monthly
000003L6	Rack A [1.3]		Friday, Nove...	Monthly
000004L6	Library	Rack A [1.4]	Friday, Nove...	Monthly
000005L6	Rack A [1.5]		Friday, Nove...	Monthly
000006L6	Library		Permanent	Monthly
000007L6	Library		Permanent	Scratch
000008L6	Library		Permanent	Weekly
000009L6	Library	Rack A [1.9]	Friday, July 3...	Weekly
000010L6	Library		Permanent	Scratch
000011L6	Library		Permanent	Weekly
000012L6	Library		Permanent	Scratch
000013L6	Library		Permanent	Scratch
000014L6	Library		Permanent	Weekly
000015L6	Library		Permanent	Scratch

At the bottom of the window, the 'Repositories' section shows three options: Gemtrac, Library, and Offsite Vault. The status bar at the bottom indicates 'Connection 127.0.0.1 uses AES 256 bit encryption'.

## Slot Selection

The Slot Allocation window displays [Slot](#) numbers, [Zones](#), [Slot Location](#), [Volume-ID](#) if [Slot](#) is allocated and [Slot](#) status - Empty, Reserved (Allocated, [Volume](#) in a move to [Slot](#)) and Occupied ([Volume](#) in [Slot](#)).

From the Slot Allocation window you can either manually select the [Slots](#) required or use the Assignment Helper function

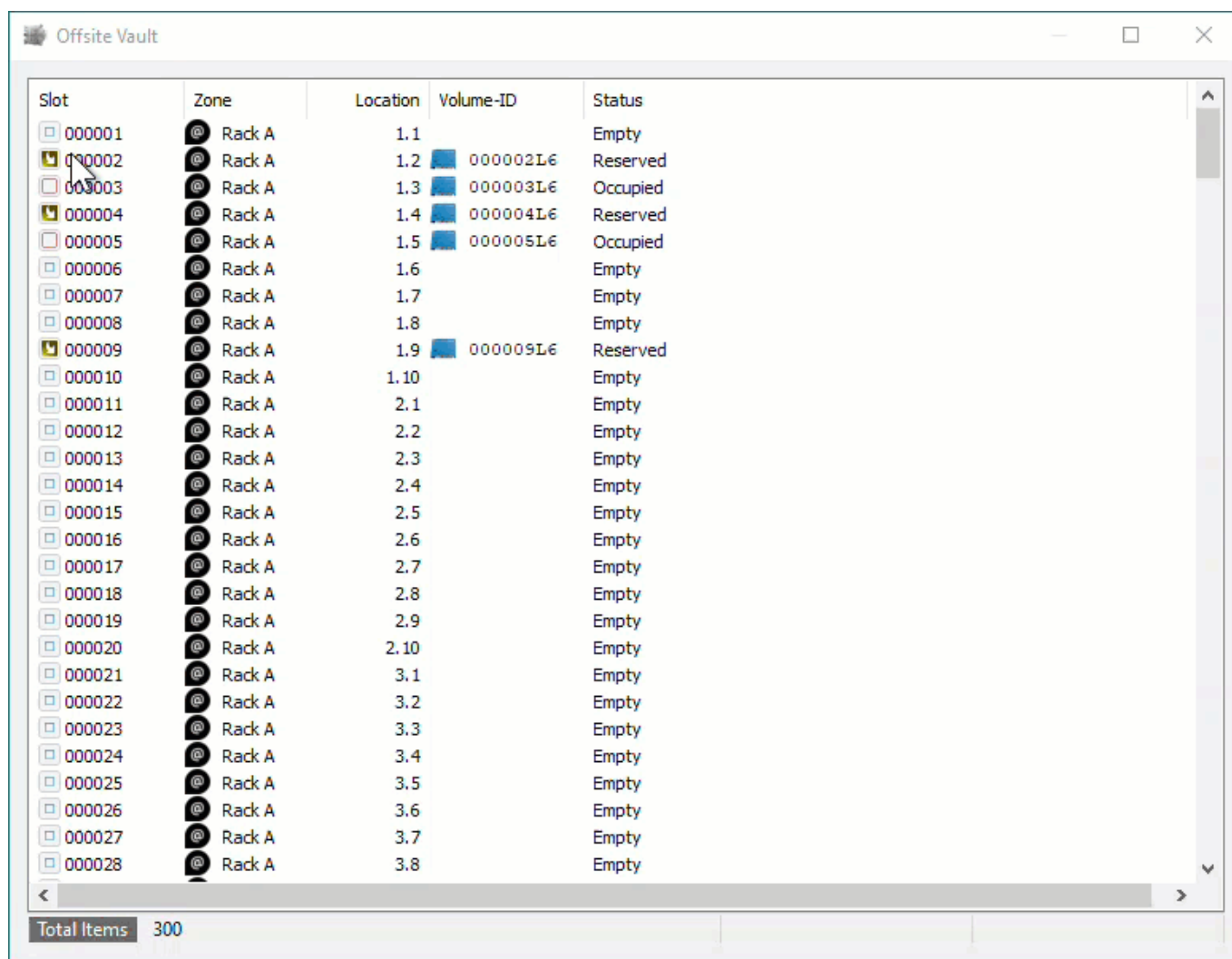
To manually select the required [Slots](#), Shift+Click to select a range of Empty [Slots](#) or Ctrl+Click to

select non adjacent multiple Empty Slots .

To use the Assignment Helper to allocate the vacant Slots for you, right click in the Slot window and select Assignment Helper.

In the field Slots Required set the number of Slots required to match the number of Volumes to be Slotted. Set the Slotting Method to suit the required outcome.

First Available will start with the first empty Slot available and then the next empty Slot until the required number are selected.



Slot	Zone	Location	Volume-ID	Status
000001	@ Rack A	1.1		Empty
000002	@ Rack A	1.2	000002I6	Reserved
000003	@ Rack A	1.3	000003I6	Occupied
000004	@ Rack A	1.4	000004I6	Reserved
000005	@ Rack A	1.5	000005I6	Occupied
000006	@ Rack A	1.6		Empty
000007	@ Rack A	1.7		Empty
000008	@ Rack A	1.8		Empty
000009	@ Rack A	1.9	000009I6	Reserved
000010	@ Rack A	1.10		Empty
000011	@ Rack A	2.1		Empty
000012	@ Rack A	2.2		Empty
000013	@ Rack A	2.3		Empty
000014	@ Rack A	2.4		Empty
000015	@ Rack A	2.5		Empty
000016	@ Rack A	2.6		Empty
000017	@ Rack A	2.7		Empty
000018	@ Rack A	2.8		Empty
000019	@ Rack A	2.9		Empty
000020	@ Rack A	2.10		Empty
000021	@ Rack A	3.1		Empty
000022	@ Rack A	3.2		Empty
000023	@ Rack A	3.3		Empty
000024	@ Rack A	3.4		Empty
000025	@ Rack A	3.5		Empty
000026	@ Rack A	3.6		Empty
000027	@ Rack A	3.7		Empty
000028	@ Rack A	3.8		Empty

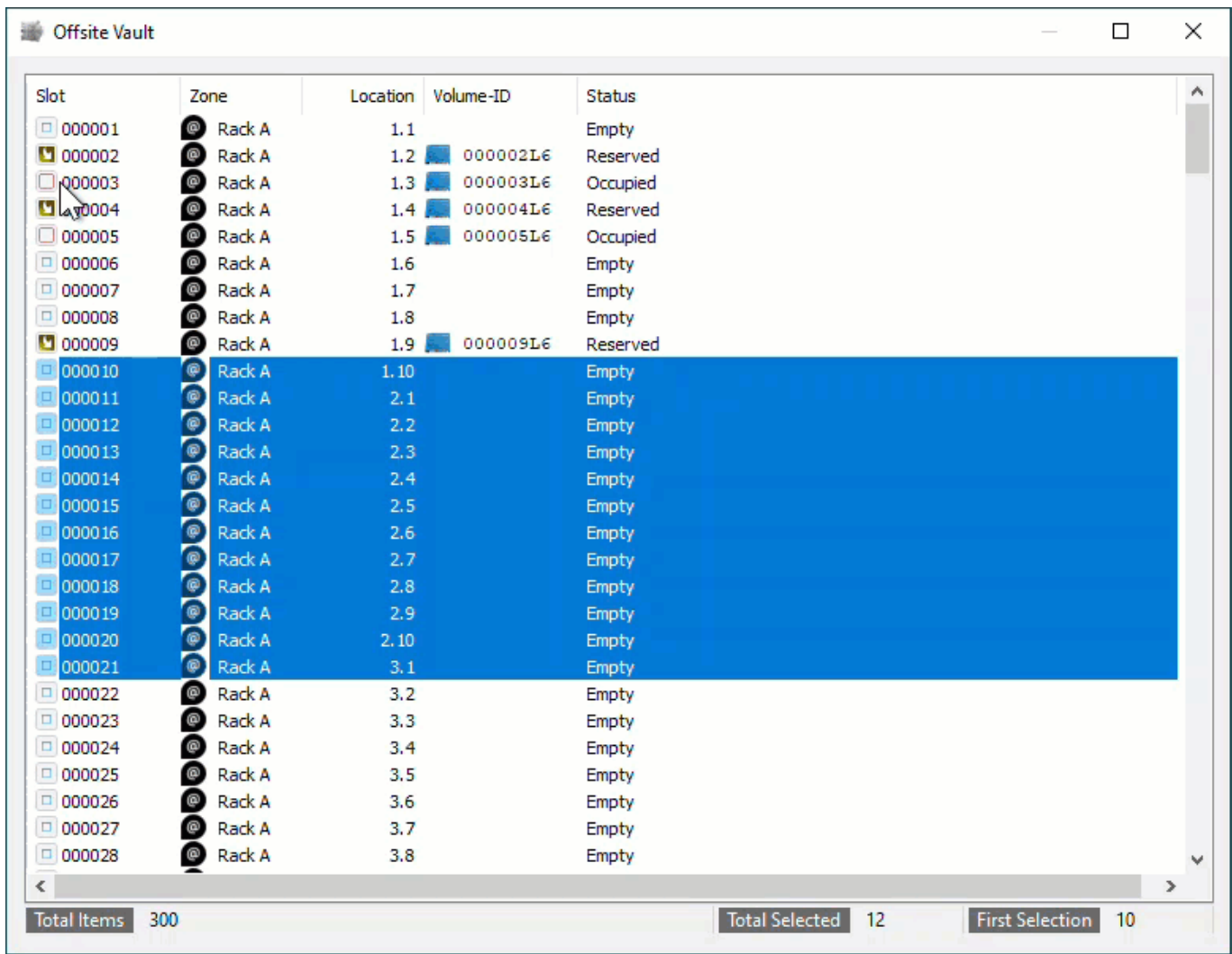
Total Items 300

Intellislot will first attempt to find a range of Slots large enough to fit the Volumes in sequential Slots and, if a range can't be found, will then select other empty Slots to accommodate the required numbers.

Slot	Zone	Location	Volume-ID	Status
000001	Rack A	1.1		Empty
000002	Rack A	1.2	000002L6	Reserved
000003	Rack A	1.3	000003L6	Occupied
000004	Rack A	1.4	000004L6	Reserved
000005	Rack A	1.5	000005L6	Occupied
000006	Rack A	1.6		Empty
000007	Rack A	1.7		Empty
000008	Rack A	1.8		Empty
000009	Rack A	1.9	000009L6	Reserved
000010	Rack A	1.10		Empty
000011	Rack A	2.1		Empty
000012	Rack A	2.2		Empty
000013	Rack A	2.3		Empty
000014	Rack A	2.4		Empty
000015	Rack A	2.5		Empty
000016	Rack A	2.6		Empty
000017	Rack A	2.7		Empty
000018	Rack A	2.8		Empty
000019	Rack A	2.9		Empty
000020	Rack A	2.10		Empty
000021	Rack A	3.1		Empty
000022	Rack A	3.2		Empty
000023	Rack A	3.3		Empty
000024	Rack A	3.4		Empty
000025	Rack A	3.5		Empty
000026	Rack A	3.6		Empty
000027	Rack A	3.7		Empty
000028	Rack A	3.8		Empty

Total Items 300

Once you have the Empty Slots selected, right click on the highlighted Slots and select Scan > Scan to Assign to open the Scan window.

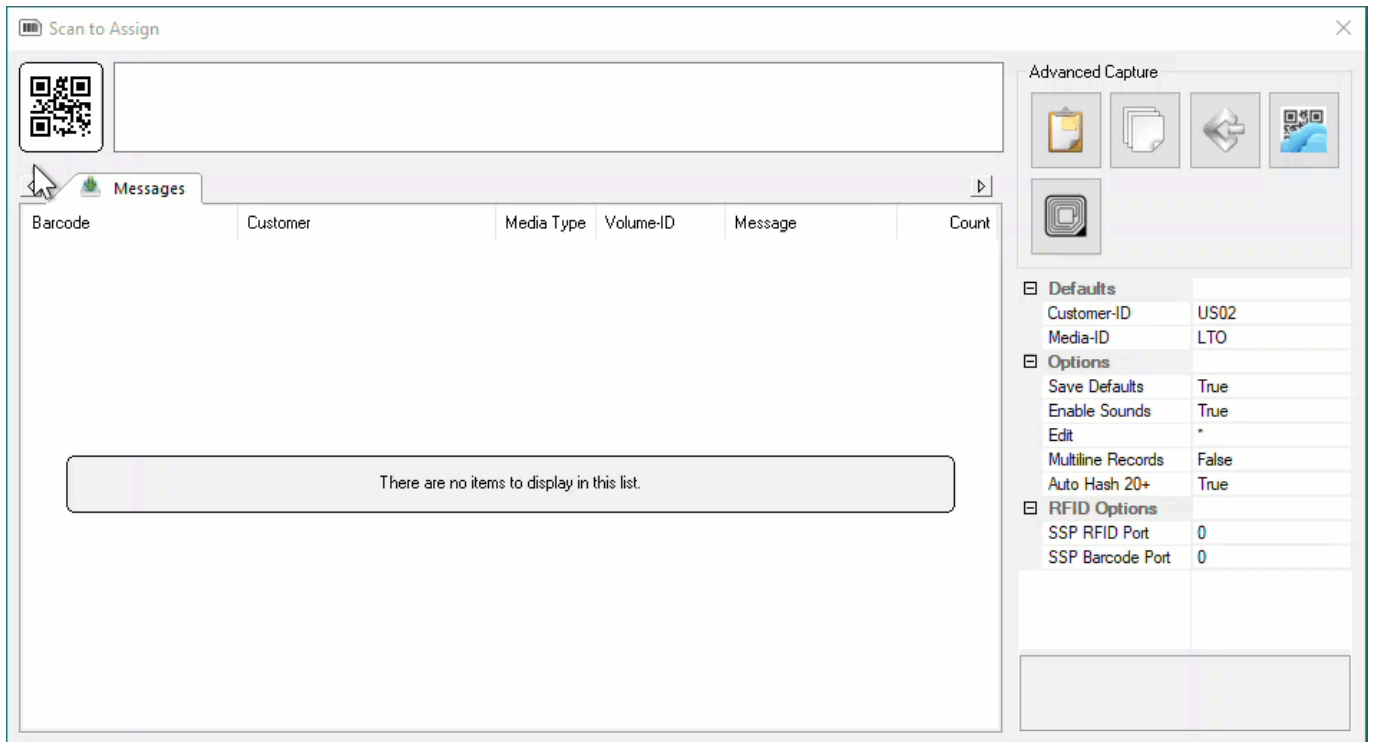


## Scanning Volumes

In the Scan window, scan the **Volumes**, using your preferred **scanning method** (Keyboard, Scanner, Clipboard, Input File). In this example we will use **Volume-ID's** copied to Windows Clipboard. When finished scanning, click the X at the top right to close the Scan window.

If you selected the exact number of **Slots** required, or if you under selected, you will receive a popup stating No Remaining Slots to inform you have no more vacant **Slots** selected. If you need more **Slots** close the Scan window, select more **Slots** and then right click and select Scan > Scan to Assign to re-open the Scan window.

Scanned **Volumes** will show with a black font for current Inventory and greyed out font if they are new **Volume-ID's** (ie. don't currently exist in TapeTrack. New **Volume-ID's** will be added to your default **Repository** and placed into a move to the **Repository, Zone** and selected **Slot**. **Volumes** in another **Repository** will be placed in a move from their Current location to the **Repository, Zone** and selected **Slot**. **Volumes** in the selected **Repository** for Slotting will be left in the Current location but will be placed in a move to the **Zone** and selected **Slot**.



## Confirm Slot Allocation

In the Slot Allocation window you will now see the **Volume-ID's** against the assigned **Slot** numbers with a status of **Paste Update Pending**. To commit the data, right click on the highlighted **Slots** and select **Apply Updates** to confirm the new **Slot** allocations. The status of the **Volumes** will now display **Reserved**.

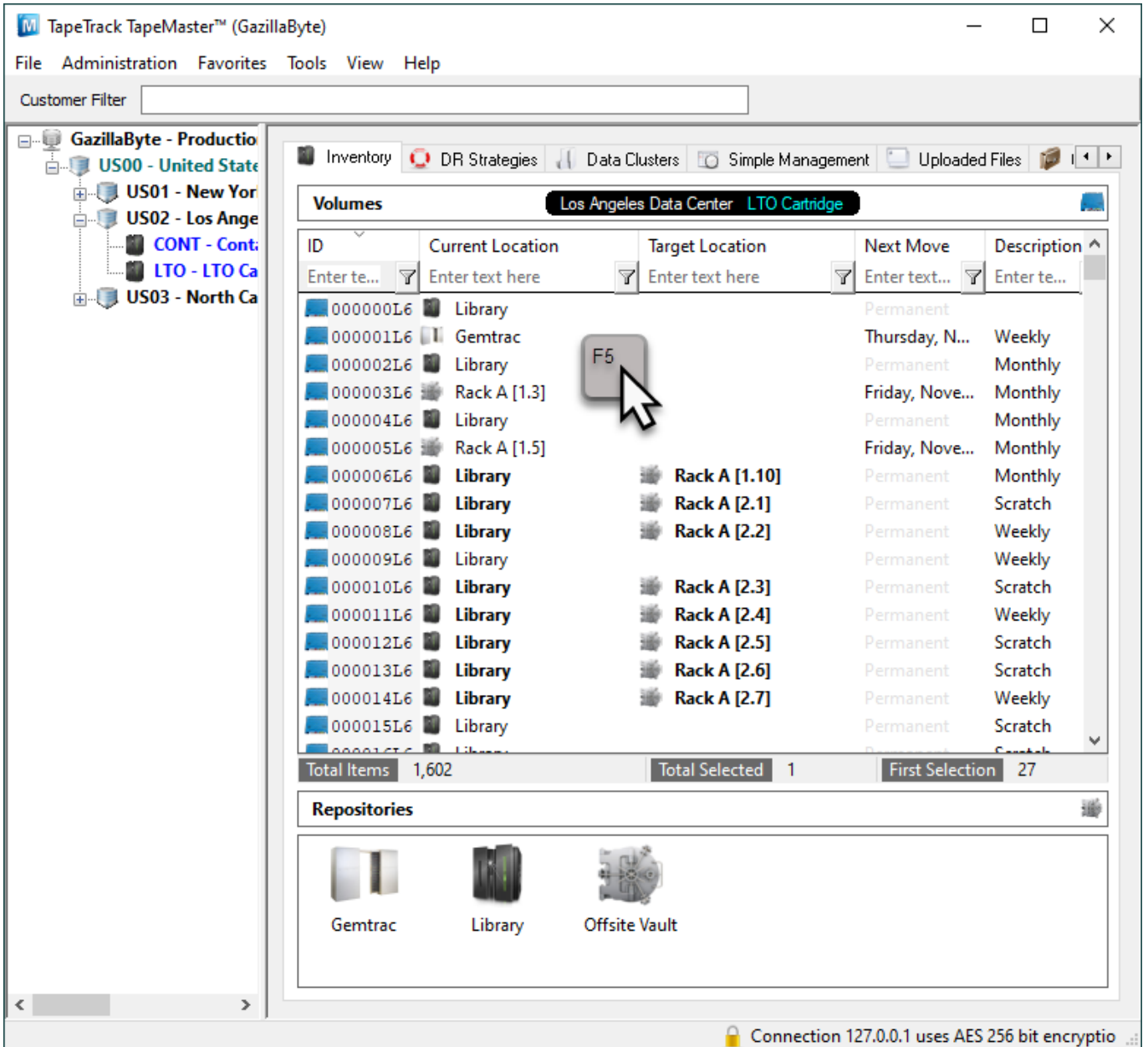
Slot	Zone	Location	Volume-ID	Status
000001	Rack A	1.1		Empty
000002	Rack A	1.2		Empty
000003	Rack A	1.3	000003L6	Occupied
000004	Rack A	1.4		Empty
000005	Rack A	1.5	000005L6	Occupied
000006	Rack A	1.6		Empty
000007	Rack A	1.7		Empty
000008	Rack A	1.8		Empty
000009	Rack A	1.9		Empty
000010	Rack A	1.10	000006L6	Paste update pending
000011	Rack A	2.1	000007L6	Paste update pending
000012	Rack A	2.2	000008L6	Paste update pending
000013	Rack A	2.3	000010L6	Paste update pending
000014	Rack A	2.4	000011L6	Paste update pending
000015	Rack A	2.5	000012L6	Paste update pending
000016	Rack A	2.6	000013L6	Paste update pending
000017	Rack A	2.7	000014L6	Paste update pending
000018	Rack A	2.8	200100L7	Paste update pending
000019	Rack A	2.9	200101L7	Paste update pending
000020	Rack A	2.10	200102L7	Paste update pending
000021	Rack A	3.1		Empty
000022	Rack A	3.2		Empty
000023	Rack A	3.3		Empty
000024	Rack A	3.4		Empty
000025	Rack A	3.5		Empty
000026	Rack A	3.6		Empty
000027	Rack A	3.7		Empty
000028	Rack A	3.8		Empty

Total Items 300      Total Selected 12      First Selection 10

Close the Slot Allocation window by clicking the X at the top right.

## Refresh Display

Click in the Inventory window in TapeMaster and press F5 to update the display. The Scanned Volumes will now show in a move to the allocated Slots.



[technote](#), [slotting](#), [scan](#), [repository](#), [zone](#), [tapemaster](#)

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