

# TapeTrack Reconciliation Report

The TapeTrack Reconciliation Report is created by the Command Line Program [TMSS10Reconcile](#).

The program runs in 4 sequential phases:

- **Phase 1** Load of the TapeTrack Scan-Map from a Scan File.
- **Phase 2** Reconciliation of the Scan-Map.
- **Phase 3** Listing of unreferenced Scan-Map items.
- **Phase 4** Report Production.

## Report Input

### TapeTrack Customer Status



ID	Current Location	Target Location	Flags	Move Time	Due in	Container	Next Move
000001L3	Library		CnNt		Unspecified	Unassigned	Permanent
000002L5	Offsite Vault		CnNOt		Unspecified	Unassigned	Permanent
000003L5	Offsite Vault	Library	CMnNtZ	M37:17	Unspecified	Unassigned	Permanent
000004L6	Offsite Vault	Library	CMnNtZ	M37:17	Unspecified	Unassigned	Permanent
000005L6	Offsite Vault	Library	CMnNtZ	M36:43	Unspecified	Unassigned	Permanent
000006L6	Library		CnN		Unspecified	Unassigned	Permanent
000007L6	Library		CnNt		Unspecified	Unassigned	Permanent
000008L6	Offsite Vault		CnNOt		Unspecified	Unassigned	Permanent
000009L6	Offsite Vault		CnNOt		Unspecified	Unassigned	Permanent
000010L6	Library		CnN		Unspecified	Unassigned	Permanent

## Scan File

```

reconcile_2017-11-29.txt - Notepad
File Edit Format View Help
US04.LT0.000002L5
US04.LT0.000003L5
US04.LT0.000004L6
US04.LT0.000005L6
US04.LT0.000009L6
US04.LT0.000010L6
US04.LT0.111111L6

```

## Report Sections

### Load of Scan-Map

The purpose of this phase is load a [TapeTrack Scan-File](#) and resolved each of the a Scan-File Entries into a [Fully Qualified TapeTrack Barcode](#).

As the Scan-File is loaded, a [Scan-Map](#) is created.

Alternatively, rather than loading the Scan-Map from a Scan-File, the [TapeTrack Import Engine](#) can be used to load the Scan-Map. This facilitates loading from Fixed Length Reports, CSV Files and ODBC Data Sources.

The Fully Qualified TapeTrack Barcode can be resolved from an [Unqualified Barcode](#) or an [Extended Attribute](#).

System: TapeTrack			
Report Description: Phase 1: Load Scan-Map from Scan-File			
Production Time: Monday, March 19, 2018 - 10:09:27 (AUS Eastern Daylight Time)			
Report Width: 149 bytes			
Seq.	Record	Barcode	Resolved As
Status	Notes		
OK	1	1 US04.LT0.000002L5	US04.LT0.000002L5
OK	2	2 US04.LT0.000003L5	US04.LT0.000003L5
OK	3	3 US04.LT0.000004L6	US04.LT0.000004L6
OK	4	4 US04.LT0.000005L6	US04.LT0.000005L6


OK	5	5	US04.LT0.000009L6	US04.LT0.000009L6
OK	6	6	US04.LT0.000010L6	US04.LT0.000010L6
OK	7	7	US04.LT0.111111L6	US04.LT0.111111L6
OK				

### Reconcile of TapeTrack Volumes

The purpose of this phase is to list all of the Volumes that are either in, moving to, or unexpected in the specified Repository.

The following statuses may result:

- **Reconciled** if the Volume is in the target repository, is in the Scan-Map and not moving.
- **Reconciled (Confirmed)** if the Volume is moving into the specified Repository and is in the scan map. The Volume will be Confirmed in the TapeTrack database.
- **Absent from Scan-Map** if the Volume is confirmed into the specified Repository and is not present in the Scan-Map. An Audit Flag will be placed on the Volume.
- **Pending Confirmation** if the Volume is in a Move Status out from the specified repository and is not overdue at the target repository.
- **Overdue at Target** if the Volume is in a Move Status to the specified Repository, is not in the Scan-Map and is now overdue at the target repository.
- **Unexpected in Scan-Map** Present in Scan-Map but not present at, or moving to, the target repository.

 Report headings and spacing have been edited to fit information on web formatting

System: TapeTrack  
 Report Description: Phase 2: Reconcile TapeTrack Volumes against Scan-Map  
 Report Notes: Repository OFFS  
 Production Time: Monday, March 19, 2018 - 10:21:34 (AUS Eastern Daylight Time)  
 Report Width: 169 bytes

Seq	Barcode	Current Rep	Target Rep	Move Time	Overdue
Scanned	Status	Notes			
1	US04.LT0.000002L5	Offsite Vault			No Yes
OK	Reconciled				
2	US04.LT0.000003L5	Offsite Vault	Library	H1:10:39	No Yes
OK	Pending confirmation				
3	US04.LT0.000004L6	Offsite Vault	Library	H1:10:39	No Yes
OK	Pending confirmation				

4	US04.LT0.000005L6	Offsite Vault	Library	H1:10:05	No	Yes
OK	Pending confirmation					
5	US04.LT0.000008L6	Offsite Vault			No	No
NOT-OK	Absent from Scan-Map					
6	US04.LT0.000009L6	Offsite Vault			No	Yes
OK	Reconciled					
7	US04.LT0.000010L6	Library			No	Yes
NOT-OK	Unexpected in Scan-Map					
-----						
-----						

### Unreferenced Scan-Map Entries

This report shows Volumes that are in the Scan-Map, but are not known to TapeTrack.

```

System: TapeTrack
Report Description: Phase 3: Unreferenced Scan-Map entries
Production Time: Monday, March 19, 2018 - 10:21:34 (AUS Eastern Daylight Time)
Report Width: 29 bytes

Seq.   Barcode
-----
      1 US04.LT0.111111L6
-----

```

Reasons for this error could be:

- Volume does not belong to you but has been included with your volumes by operator error.
- Manually produced scan file with a typo on a volume ID.
- Volume added to inventory but not entered into TapeTrack.

### Reconciliation Statistics

This report shows the final statistics for the Reconciliation process.

```

System: TapeTrack
Report Description: Phase 4: Reconciliation Statistics
Production Time: Monday, March 19, 2018 - 10:21:34 (AUS Eastern Daylight Time)
Report Width: 75 bytes

Metric                                                                 Count
-----
Phase 1: Read from Scan-File                                           7
Phase 1: Loaded successfully from Scan-File                            7
Phase 1: Loaded unsuccessfully from Scan-File                          + 0
-----

```

Phase 2: Reconciled	2
Phase 2: Reconciled (Confirmed)	0
Phase 2: Confirmation Bypass	0
Phase 2: Pending confirmation	3
Phase 2: Out of scope	3
Phase 2: Absent from Scan-Map	+ 1
Phase 2: Unexpected in Scan-Map	+ 1
Phase 2: Overdue at subject repository	+ 0
Phase 2: Overdue at target repository	+ 0
-----	
Phase 3: Unreferenced Scan-Map items	+ 1
-----	
Phase 4: Total Errors	3
-----	

**Phase 1** Reads in volume ID's from the scan file, parses them (depending on format) into Customer ID, Media ID and volume ID. Metrics are then displayed as the number of volumes successfully and unsuccessfully loaded ready for reconciliation in phase two.

**Phase 2**

**Movement Aging Report**

This report shows statistics on Volumes that remain in a Move Status after the Reconciliation has completed.

System: TapeTrack  
 Report Description: Phase 4: Movement Aging Report  
 Production Time: Monday, March 19, 2018 - 10:21:34 (AUS Eastern Daylight Time)  
 Report Width: 40 bytes

Duration	Incoming	Outgoing
less than 1 day	0	3
less than 2 days	0	0
less than 3 days	0	0
less than 4 days	0	0
less than 5 days	0	0
less than 6 days	0	0
less than 7 days	0	0
less than 8 days	0	0
less than 9 days	0	0
9 or more days	0	0

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