

# 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
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 Scan-Map and not moving.
- **Reconciled (Confirmed)** if the Volume is moving into the specified Repository. The Volume will be Confirmed in the TapeTrack database.
- **Absent from Scan-Map** if the Volume was previously 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 from the specified Repository and is not overdue.
- **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.
- **Unexpected in Scan-Map** Present in Scan-Map but not in 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
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### 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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