

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 resolve 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 |

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 assigned to 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 the [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 |
|-----|-------------------|---------------|------------|-----------|---------|
| 1 | US04.LT0.000002L5 | Offsite Vault | | | No |
| OK | Reconciled | | | | Yes |
| 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 | | | | | | |
| ----- | | | | | | | |
| ----- | | | | | | | |

Following the example data at the top of page we have:

- **Volumes** 000002L5 and 000009L6 are referenced as **Reconciled** as they are in the **Scan-Map**, and confirmed in the current **Repository** (Offsite Vault).
- **Volumes** 000003L5, 000004L6 and 000005L6 are referenced as **Pending confirmation** as they are in the **Scan-Map**, and in a move from the current **Repository** but not yet confirmed at the target **Repository**.
- **Volumes** 000008L6 is referenced as **Absent from Scan-Map** as it appears in TapeTrack as at the current **Repository** but is absent from the **Scan-Map**. This shows the volume is either somewhere it shouldn't be or is missing and as such is given a status of **NOT-OK** and is given an audit flag for further investigation.
- **Volume** 000010L6 is referenced as **Unexpected in Scan-Map** as it is present in the **Scan-Map** as being at the current **Repository** but shown in TapeTrack as being confirmed at another **Repository**. As such is given a status of **NOT-OK** and is given an audit flag for further investigation.



Status strings (Reconciled, Reconciled (Confirmed) etc) may be customized using **TMSRECONCILETEXT** variables

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.

With the example data, all 7 entries were successfully loaded as fully qualified barcodes from the

Scan-File into the Scan-Map ready for reconciliation.

Phase 2



Status strings (Reconciled, Reconciled (Confirmed) etc) may be customized using **TMSRECONCILETEXT** variables

- **Reconciled** shows number of **Volumes** present in Scan-Map and confirmed at subject **Repository**.
- **Reconciled (Confirmed)** shows number of **Volumes** confirmed into subject **Repository** that were in a move to there and present in Scan-Map.
- **Confirmation Bypass** (set as an attribute in **TMSS10Reconcile**) shows the number of **Volumes** moving to subject **Repository** and present in Scan-Map but not confirmed.
- **Pending confirmation** shows number of **Volumes** present in Scan-Map, in a move status out of subject **Repository** and yet to be confirmed at target **Repository**.
- **Out of scope** shows the number of **Volumes** in the customers inventory that are not referenced in the Scan-Map and are listed in TapeTrack as being not confirmed in, moving to or from the subject **Repository**.
- **Absent from Scan-Map** show the number of **Volumes** expected to be either in, moving to or moving from the subject **Repository** that are not listed in the Scan-Map.
- **Unexpected in Scan-Map** shows the number of **Volumes** present in the Scan-Map that, in TapeTrack, are not present in, moving to or moving from the subject **Repository**.
- **Overdue at subject repository** shows the number of **Volumes** present in the Scan-Map that are moving to the subject **Repository** but have exceeded the time threshold to complete the move.
- **Overdue at target repository** shows the number of **Volumes** present in the Scan-Map that are moving from the subject **Repository** but have exceeded the target **Repository's** time threshold to complete the move.

Phase 3

Unreferenced Scan-Map Items shows the number of **Volumes** that are present in the **Scan-Map** but don't exist within the customers target media.

Phase 4

Total Errors shows the total accumulated errors from the reconciliation process.

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 |

In the example data, these are the [Volumes](#) 000003L5, 000004L6 and 000005L6 which are in a move status (one day) out of the subject [Repository](#) but not yet confirmed into their target [Repository](#).

From: <https://rtfm.tapetrack.com/> - **TapeTrack Documentation**

Permanent link: <https://rtfm.tapetrack.com/reports/reconciliation?rev=1563817338>

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