July 17, 2018

Mr. Brian J. Wagner  
President  
National Association of Postal Supervisors  
1727 King Street, Suite 400  
Alexandria, VA 22314-2753

Dear Brian:

As a matter of general interest, the Postal Service is updating the Mobile Delivery Device (MDD) to enhance its functionality.

Release 6.75 includes:

- Supporting Distribution Complete Up-Time Scanning Scheme
- Synch Date & Time with RIMS OTA
- Customs Intercept (Default to Disabled)
- Upload Load Truck Statistics to RIMS/IV
- Remove Package Intercepted and Customs Intercepted Packages from Package Look Ahead Display
- Enable MDD SPM File OTA Download

Pilot testing is scheduled to begin on July 23, with national implementation scheduled for the week of August 6.

Enclosed is the final draft copy of the MDD Release 6.75 Service Talk.

Please contact Bruce Nicholson at extension 7773 if you have questions concerning this matter.

Sincerely,

Alan S. Moore  
Manager  
Labor Relations Policies and Programs

Enclosure
Enable MDD SPN File OTA Download

Package Look Ahead Display

Remove Package Intercepted and Customs Intercepted Packages from

Upload Load Truck Statistics to RIMS/IV

Customs Intercept (Default to Disabled)

Synchronize Date & Time with RIMS OTA

Supporting DC UP-Time Scanning Scheme

MDD Release 6.75 will be piloted from 07/23 to 08/03 and deployed nationwide.
To account for holidays, MDD will look back three (3) days for the last DC Scheme scan. This scan will apply to the next day’s packages.

Request all DC scans from RMS for the specified facilties at the start of each day. The data retrieved will be used to determine the package list for the second day.

After receiving the DC scan from a particular DC scheme, MDD sends packages assigned to the Routes in that DC scheme to Request the DC scan barcode and DC scan transmitted from RMS throughout the day.

Use the MDD’s communication of a package to request DC Scheme information committed mail in the unit has been completed Support a new Distribution Complete Scheme featuring location-specific distribution up-time placements that can be used before all.

Changes on MDD

Distribution of all committed mail in the unit has been finished before scanning the distribution up-time placement.

Distribution of all committed mail in the unit has been finished before scanning the distribution up-time placement.

New distribution up-time placements will be printed and posted within each distribution location within the delivery unit. Clerks will scan the

multi-zone.

FDB was modified to allow users to add sub-facility and distribution cut-off times in FDB to represent each delivery unit scheme within the

Box distribution at the facility level.

Distribution Complete placed was performed when the distribution of all committed mail is completed and available for carriers and/or PO.

Distribution Complete activities at the facility level and used only the FDP ID of the delivery unit to measure performance. The scan of the

did not provide a view into the completion of distribution for each distribution scheme within multi-zone facilities. SPM reports measured

and SPM’s scheduled distribution cut-off times listed in FDP reflected the scheduled time for all committed mail within the facility and the

enhancements to FDB have been developed in FDB (facility database system) and SPM (scan Point Management System). Before the enhancements to FDB

in support of increased visibility into the availability of mail for carriers based on set schemes within multi-zone facilities, enhancements

Background:

Supporting DC UP-Time Scanning Scheme

UNITED STATES
POSTAL SERVICE

©
MDM will request an OTA time sync with RIMS in every hour.

RMS-GMT Date/Time
Daylight savings time settings
System time zone

Reduce cellular data cost which includes:

RMS-DMT time interface is updated to only return time related data elements to the scanner to

Changes on MDM:

Real time to avoid future scan time stamp being reported to back end systems.

A known issue in current MDD 99EX Dolphin Kernel has caused the device date to jump over 50 days under certain special conditions. A dedicated interface is required between RMS and MDD to synch date and time in

Background:

Sync Date & Time with RIMS in Real Time
If keyed-in from the screen, select the scan barcode.

If the label on the intercepted package is scanned during load truck and scan barcode, MDD is requested to introduce Customs Intercept in Load Truck and On-Street Delivery. When MDD is requested, it will prompt for the International Package Intercept for Customs Hold Request. Notify the supervisor and discard the scan.

Supervisor will display an alert for International Package Intercepted. Notify a Customs Intercepted package is scanned during load truck and scan barcode.
• RIMS will send the load truck stats data to IV.
  - upload is failed until mid-night.
• MDD keeps retry LT start upload to RIMS every hour plus a 30 min randomization if LAN
  - If LT can not be sent over the air, MDD will try to upload the data over LAN when creded.
  - The wireless upload is randomized.
  - Load truck (LT) stats will be uploaded to RIMS once a day over the air at 11:30am local time.
  - RIMS will append the area, district, and zip of where the MDD system is maped.
  - Next slide for specific data sent.
• MDD will send the load truck stats file to RIMS. Data for up to 3 login routes is supported (see

Changes on MDD

Successful/Unsuccessful scan (if package was found in the manifest or not).

Based on this data, to show the routes that were logged in or used and the number of
packages on the trucks and focus more on delivering the packages. A report can be generated
assigning delivery routes (or sections). The goal is to have the carriers spend less time looking for
that it is easier for the carriers to search and deliver the packages when they are on their
load truck is a feature on the MDD to help carriers efficiently load packages onto their trucks so

Background

Upload Load Truck Statistics To RIMS/IV
Login route is logged and uploaded. The other data fields are set to zero.

2. If the user accesses Load Truck and sees "Load Truck Feature Not Available, the
   login route is logged and uploaded. The other data fields are set to zero.

1. If the user accesses Load Truck but does not scan anything, the login route ID

Special Cases:

- LT Upload Time Stamp
- Load Truck - Success
- Load Truck - Error
- Load Truck - Cancelled
- Load Truck - Insufficient

Data Included in the LT Stats Upload:

- MDD Software Version (format of xx.xx, e.g., 6.10)
- MDD Device ID (10 digits)
- System ID
Remove Intercepted PI/CI Packages in PLA

Changes on MDD

Label in PI file:

MDD Removes packages to be Intercepted from Package Look Ahead screen at the start of the day.

9374889878910714198278 With address: 4330 CARMELO DR APT 202, ANNANDALE, VA 220035234

1. Select Package Look Ahead

2. PLA does not show entry for Intercepted labels.
Upon successful SPM Request list download, the SPM Request data will be placed in the file.

Upon login and/or Route ID change, MDD will request the SPM file one more time via Cellular service. This is to ensure all updated SPM requests are downloaded onto the scanner.

If no SPM file is received on the scanner wirelessly, the MDD will check periodically after 5:30 AM local over the air via Cellular service.

If MDD is not able to retrieve SPM Request list in cable, it will attempt to retrieve the SPM Request list.

Changes on MDD:

5:30 AM to 7:00 AM daily, if Initial Attempts result in no SPM data download, issues, Internal SPM would like to have MDD to periodically retry downloading Sample Request data from UPIs. UPIs is currently in the process of obtaining approval for Internal SPM from the FDC. The FDC has expressed concerns about interruptions to daily sampling due to routine IT maintenance or other technical issues.

Enable MDD SPM File OTA Download