



Address Matching System
Version 2.84.01.M
Release Notes

ADDRESS MANAGEMENT
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Purpose

This document provides information on the changes to the United States Postal Service® Address Matching System API (AMS API) for the CASS™ Cycle M release.

It is requested that you implement and evaluate this release of AMS in a test environment at your earliest convenience. You are encouraged to promptly report any problems that you may discover to our Customer Care Department at 877-640-0724, or email us at amscd.ncsc@usps.gov.

Note: The software is valid until July 31, 2011.

Interface Changes

Section Notes:

This section is intended to provide an overview of the changes that have been made to the interface layer of the AMS library. It is advisable for you to review the entire definition of each structure listed in the zip4.h file to better understand the context and extent of these changes.

None

Added Functionality

1. UNIQUE_ZIP

When the input add-on consist of quad zeros (0000), then the API will not retain the input add-on.

2. EWS_FIXES

The z4geterror will return a message when the EWS file fails to open.

3. int z4adrprv(ADDR_REC*)

Calls can be made to z4adrprv() to retrieve the previous address for a finance number within a ZIP code.

Bug Fixes

PMB USED IN STREET NAME

The AMS API would parse out the word 'PMB' as a private mailbox with secondary and attempt a match on the remaining address line information causing the address not to be found.

Example

INPUT: 17 PMB YOUNG RD SE
CARTERSVILLE GA 30120

2.83: 17 RD SE PMB YOUNG
CARTERSVILLE GA 30120
(NO MATCH)

2.84: 17 PMB YOUNG RD SE
CARTERSVILLE GA 30120-6812

SUFFIX WORD TYPE USED AS SECONDARY NUMBER

The AMS API would identify secondary number as a suffix type word, thus the secondary number field is left blank.

Example

INPUT: 831 FOREST AVE APT GDN
EVANSTON IL 60202

2.83: 831 FOREST AVE
EVANSTON IL 60202-2486
(MULTIPLE RESPONSE)

2.84: 831 FOREST AVE APT GDN
EVANSTON IL 60202-2421

ADDRESS SEQUENCE FAILURE

The AMS API would stop functioning on the LINUX 32 platform when an address inquiry sequence consisting of an unique address followed by a Puerto Rican address.

Example

Step 1: ANTIQUE UFO REPAIR SERVICE
0 LOUISIANA STATE UNIV
BATON ROUGE LA

Step 2: SAULS ORINOCO RIVER RIDES
CALLE 13 BLQ P1
VEGA ALTA PR 00692
EXT SANTA ANA