

USPS Pricing Engine SDK

October 3, 2021

Summary

This is the Domestic and International Pricing Engine SDK (version 11.10.7.0) for the October Peak Pricing 2021 Release. The following is a list of enhancements included in this release.

RCalc BNS 86483 - First-Class Package Service SSD

The Postal Service is considering implementing a Service Standard Change for First Class Packages. Expected benefits would be better aligning transportation capabilities with offered services, identifying areas of opportunity to extend the surface transportation's reach and potentially alleviating financial burden currently placed on the Postal Service by present standards in an evolving marketplace.

The considered change would extend the current 3-day standards of Packages to 5-days, depending on the SCF pairs.

Price Engine Impact

- Pass SDC mail class code for FCPS instead of just First-Class

Service Commitments now has 4 commitment codes for First Class

- 301 – First Class Letters
- 302 – First Class Flats
- 303 – First Class Cards
- 304 – First Class Packages

RCalc BNS 86067 - Time-Limited Surge Pricing

Price Engine implemented new peak pricing for the dates of 10/03/2021 – 12/25/2021

Price Engine - Remove First-Class Package Service as an available mail service when selecting Day Old Poultry

Day old poultry is no longer an available mail service when selecting first class package service.

Updated DLLs

The library versions remain the same 11.10.0.0.

Impact on Existing Applications

You will **have** to rebuild your applications.

Instructions

1. Copy the DLL.
2. Execute the SQL scripts
3. Update the dataSource line describing the "PeakPrices" table in your application configuration file to reflect the new "startDate" and "connectionVersion" as shown below:

```
<add startDate="10/03/2021" connectionVersion="R2108" priceTable="PeakPrices" />  
<add startDate="12/26/2021" connectionVersion="R2108" priceTable="Prices" />
```

Batch script	Parameter
SQL\Domestic\sql_update.bat	USPS_DOM_2021_08
SQL\International\sql_update.bat	USPS_INTL_2021_08

Ex: sql_update.bat USPS_DOM_2021_08

Contents

Description	File
Folder	Database
Folder	Domestic
Database	USPS_DOM_2021_08
SQL Script	FCM SSD Offline Commitments
SQL Script	PeakPrices
SQL Script	Remove First-Class Mail When Day-Old Poultry Is Selected
Folder	International
Database	USPS_INTL_2021_08
SQL Script	PeakPrices
Design Model	Pricing Engine.pdf
Release Notes	USPS Pricing Engine SDK 11_10_7_0.pdf

Reported Defects and Change Request

Description	Status
None at this time	