USPS Pricing Engine Web Services

September 14, 2016.

Summary
This is the Domestic and International Pricing Engine SDK (version 11.4.2.0) for the September 16, 2016 Release. The following is a list of Enhancements included in this release.

CR 7324 – WebTools - CUBIC - Dimensions
The Rate Engine returns the following error if all the Dimensions L, W, and H are not populated: "All Dimensions must be greater than zero". Please confirm what dimensions are needed for CUBIC.

BUG 7352 – Correct Prices returned for Standard Mail Simple Samples, Commercial and Nonprofit
Standard Mail Simple Samples, commercial and nonprofit, are reporting a price of zero for Targeted and Every Door price categories.
Reported Defects

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Bug 7446 – Cubic Dimensions

Description
CalculateServicePrice – Webtools only uses one Shape/Size in the request (as the test tool allows multiple shapes and sizes)

- If the Shape/Size is CUBIC (we have no way of sending the container to the Price Engine)
  - If three dimensions passed in then it must be PARCEL
  - If two dimensions (Length and Height) then it must be SOFT PACK
  - Any other combination would be invalid
- If the Shape/Size is not CUBIC
  - Dimension edits should be like they are now with the “All dimensions greater than 0” message.

Resolution

Rules:
- If the Shape and Size list only contains “Cubic”, the width is not required
- If the Length, Height and Width are not Zero, the Cubic calculation is perform as a package
- If the Length and Height not Zero and Width is Zero, the Cubic calculation is perform as a SoftPack or Large Envelop.