Requirements/Design Specification

**Feb2015 Bug Fixes**

**CR 13372**

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Revision** | **Description** | **Author** |
| 1/19/2015 | 1.0 | Initial Version with Requirements | Roger Behm |
| 2/6/2015 | 1.2 | Removed items 233 & 79 as they will not be completed in time for the release. | Roger Behm |
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# Business Requirements

## Purpose of the Design Specification

This document highlights items to be fixed and implemented for the titled release.

### Bug list for current release

| GitHub Item  Number | **Description** |
| --- | --- |
| [78](#B_78) | HP cont code not showing on CSA |
| [~~233~~](#B_233) | ~~Question on approval triggers for Existing accounts w/ out fees~~ |
| [201](#B_201) | Close container group on proposal showing as new with $0 |
| [207](#B_207) | ERF on FRF applied even if division does not allow |
| [227](#B_227) | Evaluate CSS files for environment specific attributes |
| [246](#B_246) | Delivery amount for wrong container type |
| [259](#B_259) | Address import failing without AK |
| [247](#B_247) | Put price at $0 for container and do not get Approval trigger |
| [307](#B_307) | No Help Text for the Delivery Notes Help or Service Notes Help on Generate Documents Page |
| [319](#B_319) | CSA frequency blank on service level change |
| [323](#B_323) | Caster Related Issue - Rollout field should disappear on 6, 8, and 10 yd containers |
| [328](#B_328) | Rate Restriction Verbiage Change |
| [75](#B_75) | Customer owned assets being included in ROI |
| [249](#B_249) | For DEL and REM scenario, if increase the count then the Customer CSA shows "No Charge Yard" |
| [266](#B_266) | Estimated lifts are not tracking to the CSA |
| [316](#B_316) | FRF / ERF Large fees are not calculated correctly in summary or detail view. The Capture totals do not equal to the validation totals. |
| [~~79~~](#B_79) | ~~Div\_Container\_Size missing .45~~ |
| [284](#B_284) | Looping error - existing container group missing frequency that is currently not supported |

# 

# Assumptions

NA

# Design

## #75 CUSTOMER OWNED ASSETS BEING INCLUDED IN ROI

## Issue

ROI (cost) for container and compactor assets are being included in quotes even when the customer owns both assets. Additionally, container maintenance has the same issue.

**Design**

Multiply these cost elements  (compactor\_cost and container\_cost in BMI and related components in R engine) by:

(1 – is\_container\_owned) and/or (1 – is\_compactor\_owned)

## #78 HP cont code not showing on CSA

## Issue

Hand Pickup - cont code (HP) not showin up on CSA. Cont size not showing up on Proposal

**Design**

On the CSA, the hand pickup container code HP should display in the Type column. In Generate Docs, modify *recommendedContainerCodeDerived* to distinguish between container size values for 100 gallon cart (.50) and hand pickup (.5). See commit for details.

## ~~#~~~~79 Div\_Container\_Size missing .45~~

**~~Issue~~**

~~The size on the quote is .45, and this value should be pulled from the Account Status table, but this size doesn't have an entry in Div\_Container\_Size; therefore should not be sold in the division.~~

**~~Design~~**

~~Display error 'This container type/size is not available for sale in this division, please contact your division controller.” For an existing container we should copy the variables and bypass setting the variables on the config page.~~

## #201 Close container group on proposal showing as new with $0

**Issue**

* When closing a container group, the proposal shows the container group as new and the rate at $0, so the customer could construe this as free service,

**Design**

* Modify Proposal to indicate that a container has been closed, so showing a price of $0.00 will not be mistaken as free service.

## #207 ERF on FRF applied even if division does not allow

**Issue**

Fee amounts should be ERF and FRF only, no ERF on FRF and possibly no ERF on admin.

**Design**

There are two separate issues with applying ERF on FRF:

* *prePricingFormulas* was not considering the divisional erf\_on\_frf flag in divisionFeeRate for New containers
* *postPricingFormulas* was always applying ERF on FRF

Update logic in both commerce functions to fix issue.

## #227 Evaluate CSS files for environment specific attributes

**Issue**

We have some hard-coded file paths in the CSS files in Capture that should be updated to be relative paths. As hard-coded paths, we will have a different CSS file per environment and can not migrate a single CSS file easily during release migration.

**Design**

For hard-coded image paths, there's no way to define a standard path when using files from FileManager since the paths are different depending on your environment. So the easiest way to do this is to standardize any of these paths to only use the PROD image path.

## ~~#~~~~233 Question on approval triggers for Existing accounts w/ out fees~~

**~~Issue~~**

* ~~If you had an Existing account that did not pay fees and you leave the fees off (say during a service change) that this would NOT send an approval trigger. We had one in Gateway today that required approval just due to fees when the fee flags were already turned off~~

**~~Design~~**

* ~~Look at the prior ERF and FRF values pulled in on the existing account in order to only ask for an approval if the ERF and FRF flags were changed in value from Yes to No (charged to not-charged.)~~
* ~~Need to modify~~*~~postPricingFormulas~~*~~to check values~~*~~eRFreadOnly\_quote~~*~~and~~*~~fRFreadOnly\_quote~~*~~when flagging a quote for an approval~~

## #247 Put price at $0 for container and do not get Approval trigger

## Issue

Existing Customer, service level change, changed price to $0 and was able to proceed to docs page.

**Design**

In the postPricingFormulas Commerce BML Library function modify the logic to include a $0 dollar price when looking at the guardrails and keep the logic preventing negative prices from being entered.

## #249 For DEL and REM scenario, if increase the count then the Customer CSA shows "No Charge Yard"

**Issue**

On a DEL/REM for a service change, increases the container count from 1 - 4 yard to 4 - 4 yards. With this change the Customer CSA shows a "No Charge Yard" in the comments section

**Design**

The DEL/REM logic, implemented in GitHup #92 should only be applied to change in container size or waste type.

## #259 Address import failing without AK

**Issue**

The night upload log on account\_addresses was showing a validation failure when trying to pull in ship toaddresses that included the state Alaska (AK). We removed AK from the state dropdown in a prior release since we don't service Alaska. However, in order to allow these addresses to populate correctly, it needs to be added back in.

**Design**

Update the state list to include AK in DEV, TEST, and PROD. This is one of those items that does not move with a migration, so the change needed to be made in all 3 environments manually

## #266 Estimated Lifts Are Not Tracking To The CSA

## Issue

Estimated lifts not tracking to CSA

**Design**

It seems the estimated lifts variable is already there. Ensure we are not using it for anything else and it is being populated with the estimated lifts located on the config page and populated the CSA in the Est Lifts column.

## #284 Looping Error - Existing Container Group Missing Frequency That Is Currently Not Supported

## Issue

An Existing container group has 12 - 6 yarders, but the frequency is not supported in Capture. Total lifts per week per InfoPro is 14, so that is probably why the loop.

**Design**

Ensure InforPro is correct. For existing use the same values and just pass them through without validation to the pricing page. If changes are made, only validate what is changed.

## #246 Delivery Amount for Wrong Container Type

**Issue**

For existing customers (ie 732-2029266) service level change prices are not appropriately applied to the pricing page. For example a change from 2 carts to 1- 2yard FL, the delivery charge listed is the Cart rate of $20, not the small container FL rate of $85 per placemat.

**Design**

Make neede changes to calculate guardrails and pre pricing formulas to look at the new container code not the old one for Delivery price but continue to look at the old container code for Removal.

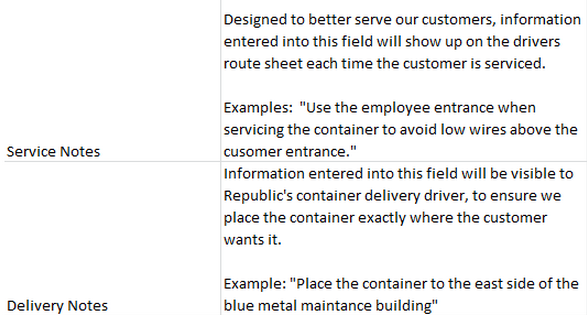
## #307 No Help Text for the Delivery Notes Help or Service Notes Help on Generate Documents Page

## Issue

No Help Text for the Delivery Notes Help or Service Notes Help on Generate Documents Page

**Design**

Add the following help text to the hover box.



## #319 CSA Frequency Blank on Service Level Change

## Issue

An Existing container serice change on the container size does not pull the frequency on the CSA. The old (O) pulls fine but new (N) does not and should.

**Design**

Ensure the frequency variable populates the CSA regardless of the service change on an existing.

## #316 FRF / ERF Large fees are not calculated correctly in summary or detail view. The Capture totals do not equal to the validation totals.

## Issue

For quote A1512585, A1512587 On the Generate Documents page in the Monthly Totals detail view the FRF and ERF proposed prices appear incorrect. The Capture totals do not equal to the validation totals. Occurs with large container. Did not occur on small container Quote A1512584. Does occur in Production - see Quote A1583699 as sample.

**Design**

The issue is the validation spreadsheet. We need to take into account the estimated tons and estimated lifts per month when calculating the Large container disposal fees. Multiplying the line item total amount by the est tons and est lifts will get the correct calculation to validate against.

## #323 Caster Related Issue - Rollout field should disappear on 6, 8, and 10 yd containers

## Issue

Selected 2 yd, checked casters, picked rollout of 0-10 feet. Then changed to 6 yd. Caster field disappeared but the rolluot field remained and I was allowed to move to the next screen. Same for 8 and 10 yd.

**Design**

Rollout is hidden when casters are unchecked and casters are visible for container sizes below 6 yds. In this case when 2 yd was selected and casters was checked, rollout appeared, but when yardage was changed to 6 yd casters disappeared as expected but it stayed checked, hence rollout did not disappear.

Solution: if casters are selected for a container < 6 yrds, when the container is changed to >= 6 yards hide the casters checkbox and default it to unchecked.

## #328 Rate Restriction Verbiage Change

## Issue

When you lock the rates for 12 months only (i.e. the %/CPI fields are blank), the comments section of the CSA should still read "Rate Firm Until MM/YYYY" as opposed to what I am seeing in Test of "Rate Firm for the 1st year of the agreement."

**Design**

Modify the verbiage for the 12 month rate restriction to "Rate Firm Until MM/YYYY".

# InfoPro Interface

No new variable should be needed and no existing variables should be repurposed for any of the above changes.

# Report Changes

NA

# Appendix