FEASIBILITY STUDY FORM

STATEMENT OF REQUIREMENT INFORMATION	
STATEMENT OF REQUIREMENT NUMBER: UMCHANGE-375	**DATE ISSUED:** 30/10/2012
CHANGE REQUEST RAISED BY: Hope Groves hope.groves@umusic.com	**FEASIBILITY STUDY WRITTEN BY:** Georges Bou Chahine georges.bou.chahine@accenture.com
UNIVERSAL AUTHORISED BUYER (*): Stephan Garandet Stephan.garandet@umusic.com	**UNIVERSAL PROGRAMME MANAGER:** Cédric Dordain Cedric.dordain@umusic.com
SPONSORSHIP: UMGI/DGP	

CHANGE REQUEST TITLE
UMCHANGE-375 – DDEX ERN 3.5 Improvements

digiplug	Feasibility Study Form
Universal – Digiplug/Accenture	Version 1.7 – 30/10/2012

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	Feasibility Study Form
Universal – Digiplug/Accenture	Version 1.7 – 30/10/2012

REVISION HISTORY

Version	Author	Date	Description
1.0	Georges Bou Chahine	19/09/2012	First release of the document
1.1	Georges Bou Chahine	20/09/2012	Test Scenarios added
1.2	Georges Bou Chahine	25/09/2012	Test Scenarios updated after UMGI review
1.3	Georges Bou Chahine	12/10/2012	Longform descoped Product expiry date information descoped
1.4	Georges Bou Chahine	15/10/2012	Minor updates for the core text Regression tests updated
1.5	Georges Bou Chahine	17/10/2012	Test scenario 12 updated
1.6	Georges Bou Chahine	19/10/2012	"Z" removed from the date format Resource Data Section Optimization, updated Test scenario 7 updated
1.7	Georges Bou Chahine	29/10/2012	Validity Period dates modified HD products mapping added to the Excel mapping

CHANGE DESCRIPTION

ORIGINAL CHANGE REQUEST

Description of proposed change:
UMGI needs to implement the new version of DDEX Standard: ERN 3.5 to make use of its new functionalities such as a Release Date value per Territory.

Original CR document:

CR-Distribution-DDEX
-ERN-3.5-Improveme

JUSTIFICATION FOR PROPOSED CHANGE

Address various problems identified in testing and roll out with partners of the ERN 3.3 schema. Some of these are blocking issue preventing roll out. Others address concerns raised by partners such as file size issues.

SCOPE

SCOPE HISTORY

Raised by	In/Out	Description and impacts	Validated by	Date
UMGI	IN	Release Date in Release Details per Territory	Georges Bou Chahine	16/08/2012
UMGI	OUT	Aggregator Rationalization	Georges Bou Chahine	10/09/2012
UMGI	IN	Deal section optimization	Georges Bou Chahine	16/08/2012
UMGI	IN	Resource Data section optimization	Georges Bou Chahine	16/08/2012
UMGI	OUT	Release Data section optimization	Georges Bou Chahine	22/08/2012
UMGI	OUT	Analyze and align with latest version of Release and Business profiles	Georges Bou Chahine	16/08/2012
UMGI	IN	Update ERN header scheme location	Georges Bou Chahine	16/08/2012
UMGI	OUT	Preview clip permission start	Georges Bou Chahine	22/08/2012
UMGI	IN	Populate Monopoly resource in MIDI section	Georges Bou Chahine	16/08/2012
UMGI	OUT	Support Longform product type	Georges Bou Chahine	12/10/2012
UMGI	IN	XML Reader Tool compliancy	Georges Bou Chahine	22/08/2012
UMGI	IN	Change of Classical Release mapping	Georges Bou Chahine	12/09/2012
UMGI	OUT	Include Product expiry information	Georges Bou Chahine	12/10/2012

SCOPE SUMMARY

The scope of this CR is to implement the latest version of DDEX Standard: ERN 3.5

USER STORIES

USER STORIES SUMMARY

User Story Id	Description	Scenario Id
UMCHANGE-375_US_1	Export Territory Release Date in Release Details by Territory	AS1
UMCHANGE-375_US_2	Group Territories with identical Deals within one Deal	AS2 – AS3 – AS4 – AS5
UMCHANGE-375_US_3	Reduce localization of Resource metadata	AS6 – AS7
UMCHANGE-375_US_4	Export full version of Schema Location	AS8
UMCHANGE-375_US_5	Export Monopoly resources as Midi files	AS9
UMCHANGE-375_US_6	A user opens a DDEX ERN 3.5 message using the XML released tool	AS10
UMCHANGE-375_US_7	Support Classical Album products as ReleaseType	AS11
UMCHANGE-375_US_8	Export Rights Controller Start Date in Sound Recording Details By Territory	AS1
UMCHANGE-375_US_9	Export IsBackfill tag	AS12
UMCHANGE-375_US_10	Export the right the Start Date tag in the deals Validity Period	AS13

CURRENT DSC LOGIC

- Currently, the implemented DDEX plugin is DDEX ERN 3.3
- No release date by territory is provided
- All fields are repeated for each territory in Resource data section
- A deal section is created for each territory even if multiple territories share the same deal and start date

Example:

```
<Deal>
<DealReference>DEFAULT</DealReference>
<DealTerms>
  <CommercialModelType>PayAsYouGoModel</CommercialModelType>
  <Usage>
    <UseType>ConditionalDownload</UseType>
    <DistributionChannelType UserDefinedValue="Mobile" Namespace="PA-DPIDA-2012031302-
         R">UserDefined</DistributionChannelType>
  </Usage>
  <TerritoryCode>SE</TerritoryCode>
  <PriceInformation>
    <PriceType Namespace="PA-DPIDA-2012031302-R">TP</PriceType>
  </PriceInformation>
  <ValidityPeriod>
    <StartDate>2012-04-05Z</StartDate>
  </ValidityPeriod>
</DealTerms>
</Deal>
<Deal>
  <DealReference>DEFAULT</DealReference>
  <DealTerms>
    <CommercialModelType>PayAsYouGoModel</CommercialModelType>
    <Usage>
      <UseType>ConditionalDownload</UseType>
      <DistributionChannelType UserDefinedValue="Mobile" Namespace="PA-DPIDA-2012031302-
           R">UserDefined</DistributionChannelType>
    </Usage>
    <TerritoryCode>GB</TerritoryCode>
    <PriceInformation>
      <PriceType Namespace="PA-DPIDA-2012031302-R">TP</PriceType>
    </PriceInformation>
    <ValidityPeriod>
      <StartDate>2012-04-05Z</StartDate>
    </ValidityPeriod>
  </DealTerms>
</Deal>
```

- A short form of the ERN header scheme location is used

Example:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<ns2:NewReleaseMessage xmlns:ns2="http://ddex.net/xml/2011/ern-main/33"
MessageSchemaVersionId="2011/ern-main/33">
```

- Monopoly resource is populated in Sound Recording section
- Longform products are not supported
- In the Product and Track Release sections, Release Type for classical releases are set as a UserDefinedValue. The Product and Track classical release types are determined by the musictype metadata.

Example

```
<ReleaseType>Album</ReleaseType>
<ReleaseType UserDefinedValue="ClassicalRelease" Namespace="UMGI_DPID">UserDefined</ReleaseType>
```

- An "Invalid Ingested Data" task with "Product Invalid Artist" type is raised when no artist exists in the metadata during the ingestion, and the product remains Not Orderable.
- Dates format includes the letter "Z"

Example

```
<ValidityPeriod>
   <StartDate>2012-10-19Z</StartDate>
</ValidityPeriod>
```

- The Validity Period in DealList section for a multi-period campaign (ex: Price update campaign) has <EndDate> tag value of the previous period equals <StartDate> tag value of the following period.

Example

```
<Deal><DealTerms>
              <CommercialModelType>Ad-funded</CommercialModelType>
              <Usage>
                     <UseType>Download</UseType>
                     <DistributionChannelType Namespace="UMGI:DPID" UserDefinedValue="Fixed-Line">IUserDefined</
DistributionChannelType>
              </Usage>
              <TerritoryCode>GB</TerritoryCode>
              <PriceInformation>
                     <PriceType namespace="UMG">STAP</PriceType>
              </PriceInformation>
              <ValidityPeriod>
                     <StartDate>2012-01-01</StartDate>
                     <EndDate>2012-02-01</EndDate>
              </ValidityPeriod>
</DealTerms></Deal>
<Deal><DealTerms>
              <CommercialModelType>Ad-funded</CommercialModelType>
              <Usage>
                     <UseType>Download</UseType>
                     <DistributionChannelType Namespace="UMGI:DPID" UserDefinedValue="Fixed-Line">IUserDefined</
DistributionChannelType>
              </Usage>
              <TerritoryCode>GB</TerritoryCode>
              <PriceInformation>
                     <PriceType namespace="UMG">TAP</PriceType>
              </PriceInformation>
              <ValidityPeriod>
                     <StartDate>2012-02-01</StartDate>
              </ValidityPeriod>
</DealTerms></Deal>
```

DDEX ERN 3.5

The complete list of metadata and rules to produce the ERN XML file is given in the Metadata mapping document below :

UMGI.DSCT.TECH.D
EL.PLUGIN.01 - DDEX

Glossary

Notion	Description
Release	Represents a sellable object e.g. product or track single. A release is composed of several Resources among SoundRecording, Image, Video, Midi and Text.
Release Type	Represents a form in which a product is released. Several release type may be provided for a release e.g. Booklet Release, Video Album A DSC product type may correspond to several DDEX Release type
Sound Recording	Represents an audio asset e.g audio_fulltrack, audio_30s, realtones, speechtones
Image	Represents an image asset e.g. cover, screengrab, wallpapers
Video	Represents a video asset e.g. video_fulltrack, longform
Text	Represents a text asset e.g. booklet
Midi	Represents a Midi resource e.g MonoPoly ringtones
Work	Represents a musical composition e.g. classical movement
Deal	Represents the commercial information (ToU and pricing) for a Release
Core Level	Represents the information and XML fields for the Originating Country
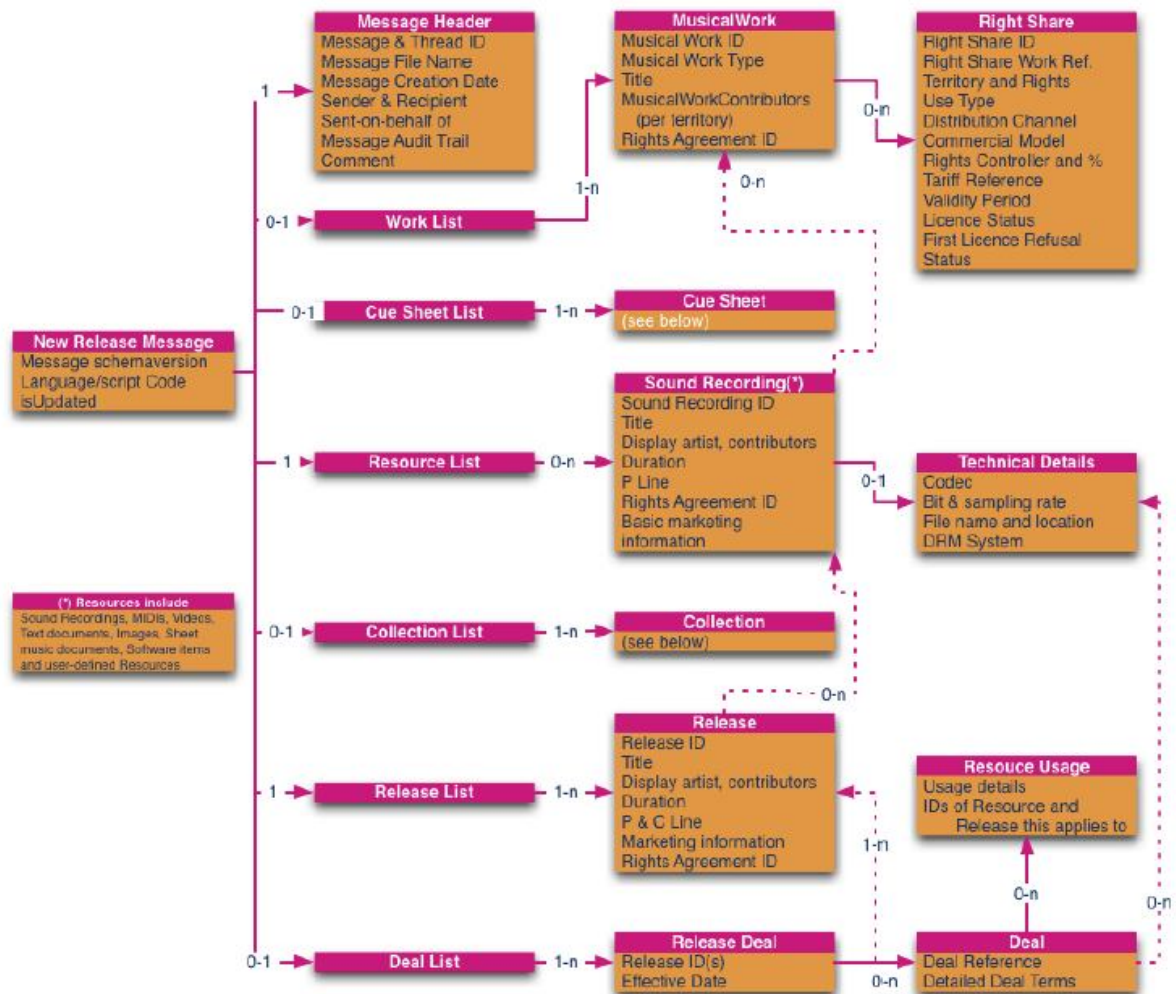
The figure above is the Information content in the New Release Message– from DDEX-ERNM-3.5 document

DETAILED USER STORIES

UMCHANGE-375_US_1: Export Territory Release Date in Release Details by Territory

Aim of the user story
- *The purpose of the user story is to export a release date for each territory. The release date can be displayed in the business partner's store front. The value is for display purposes only and is not used to determine when an item is available for sale*

Description
- A product is ordered for a BP using DDEX plugin
- The product is processed and delivered with ERN 3.5 format
- The XML file contains the following information :
    - Resource (Image and Sound Recording)
    - Release
    - Deal : ToU and pricing
- The ReleaseDetailsByTerritory inside Release section contains ReleaseDate tag set to the CPRS release date value per territory for both Product and Track releases

UMCHANGE-375_US_2: Group Territories with identical Deals within one Deal

Aim of the user story
- *The purpose of the user story is to reduce the number of deals in the release message and this by grouping territories with identical deals.*

Description
- A multi-territory audio product is ordered for a BP using DDEX plugin
- The product is processed and delivered with ERN 3.5 format
- All Territories with identical Deals are listed within one Deal

UMCHANGE-375_US_3: Reduce localization of Resource metadata

Aim of the user story
- *The purpose of the user story is to reduce localization of resource metadata by allowing only some fields to be localized and keeping the rest as core metadata*

Description
- A multi-territory audio product is ordered for a BP using DDEX plugin
- The product is processed and delivered with ERN 3.5 format
- In the ResourceList section, all territory shared information fields are listed at core level
- A list of fields will be checked to verify if localized values exist. If it's the case, all of the ResourceList section's data fields will be populated and sent for the concerned territory

UMCHANGE-375_US_4: Export full version of Schema Location

Aim of the user story
- *The aim of the user story is to make the delivered XML readable by all the XML editing tools*

Description
- An audio product is ordered for a BP using DDEX plugin
- The product is processed and delivered with ERN 3.5 format
- The binaries are delivered with the BP formats as specified in its delivery configuration
- The XML file contains the full version of the schema location in its header

UMCHANGE-375_US_5: Export Monopoly resources as Midi

Aim of the user story
- *The aim of the user story is to export monopoly resources as midi as these are not sound recordings.*

Description
- An monopoly product is ordered for a BP using DDEX plugin
- The product is processed and delivered with ERN 3.5 format
- The binaries are delivered with the BP formats as specified in its delivery configuration
- The monopoly resource is populated in Midi section of the XML

UMCHANGE-375_US_6: A user opens a DDEX ERN 3.5 message using the XML released tool

Aim of the user story
- *The aim of the user story is to make sure the XML Reader Tool supports the newly implemented changes*

Description
- An audio product is ordered for a BP using DDEX plugin
- The product is processed and delivered with ERN 3.5 format
- The binaries are delivered with the BP formats as specified in its delivery configuration
- The XML file is delivered to the BP
- The XML Reader Tool is compliant with the changes and can support/display the new improvements

UMCHANGE-375_US_7: Support Classical Album products as ReleaseType

Aim of the user story
- *The aim of the user story is to export a Classical Product as Classical Album*

Description
- A Classical producs is ordered for a BP using DDEX plugin
- The product is processed and delivered with ERN 3.5 format

- The binaries are delivered with the BP formats as specified in its delivery configuration
- In the XML file:
  - o Product Release section, the ReleaseType tag is set to ClassicalAlbum since a classical resource group exists
  - o Track Release section, the ReleaseType taf is set to TrackRelease

---

UMCHANGE-375_US_8: Export Rights Controller Start Date in Sound Recording Details By Territory for Non Commercial BPs only

Aim of the user story
- *The aim of the user story is to communicate the rights controller start date*

Description
- An audio product is ordered for a BP using DDEX plugin
- The product is processed and delivered with ERN 3.5 format
- The binaries are delivered with the BP formats as specified in its delivery configuration
- In the XML file:
  - o ResourceList section, SoundRecordingDetailsByTerritory, a StartDate is set for the rights controller.

UMCHANGE-375_US_9: Export IsBackfill tag

Aim of the user story
- *The aim of the user story is to communicate the right value in the IsBackfill tag*

Description
- A product is ordered for a BP using DDEX plugin
- The product is processed and delivered with ERN 3.5 format
- The binaries are delivered with the BP formats as specified in its delivery configuration
- In the XML file:
  - o IsBackfill tag is exported and filled with the right value depending on wether the order is a Back Catalogue bulk order or not

---

UMCHANGE-375_US_10: Export the right Start Date tag in the deals Validity Period

Aim of the user story
- *The aim of the user story is to communicate the right value in the StartDate tag in the deals Validity Period section*

Description
- A product with a pricing campaign is ordered for a BP using DDEX plugin
- The product is processed and delivered with ERN 3.5 format
- The binaries are delivered with the BP formats as specified in its delivery configuration

- In the XML file:
    o StartDate tag of the campaign periods is exported and filled with the right value depending on the preceding EndDate tag

DETAILED DESIGN

Release date

A new tag "Release Date" will be added to the Release List, Release section, in "Release Details By Territory".
This tag will be populated with territory release date and will have the following definition:
"A Composite containing details of the Date when the Release is made available. For display purposesonly. Refer to Deal section for permissions and relevant start and end date."

```
<ReleaseList>
        <Release>
                .
                .
                <ReleaseDetailsByTerritory>
                        <TerritoryCode>GB</TerritoryCode>
                        .
                        .
                        <Genre>...</Genre>
                        <ReleaseDate> 2012-11-15</ReleaseDate>
                </ReleaseDetailsByTerritory>
                <ReleaseDetailsByTerritory>
                        <TerritoryCode>FR</TerritoryCode>
                        .
                        .
                        <Genre>...</Genre>
                        <ReleaseDate> 2012-11-20</ReleaseDate>
                </ReleaseDetailsByTerritory>

        </Release>
```

Deal Section changes

Deal Optimization

Deal section will be optimized in order to improve the message readability and to reduce its size.

Territories where Identical deals apply will be grouped together in one deal.
In order to share the same deal, territories should share the same:
* Commercial Model Type
* Usage
* Distribution Channel Type
* Price
* Start Date
* End Date

XML Examples

Example 1: 2 Territories, same Deal

Release	Deal	Territory
R0	Pay As you Go / Conditional Download / Mobile	SE, GB

```
<ReleaseDeal>
   <DealReleaseReference>R0</DealReference>
    <Deal>
      <DealTerms>
        <CommercialModelType>PayAsYouGoModel</CommercialModelType>
        <Usage>
          <UseType>ConditionalDownload</UseType>
          <DistributionChannelType UserDefinedValue="Mobile" Namespace="PA-DPIDA-2012031302-
             R">UserDefined</DistributionChannelType>
        </Usage>
        <TerritoryCode>SE</TerritoryCode>
        <TerritoryCode>GB</TerritoryCode>
        <PriceInformation>
          <PriceType Namespace="PA-DPIDA-2012031302-R">TP</PriceType>
        </PriceInformation>
        <ValidityPeriod>
          <StartDate>2012-04-05</StartDate>
        </ValidityPeriod>
      </DealTerms>
    </Deal>
</ReleaseDeal>
```

If multiple Releases share the same Terms of Use/Territories/Price, multiple "DealReleaseReference" tags can be set in the same ReleaseDeal section.

Example 2: 2 Releases, same Deal

Release Reference	Deal	Territory
R0	Pay As you Go / Conditional Download / Mobile	SE, GB
R1	Pay As you Go / Conditional Download / Mobile	SE, GB

```
<ReleaseDeal>
    <DealReleaseReference>R0</DealReference>
    <DealReleaseReference>R1</DealReference>
    <Deal>
      <DealTerms>
        <CommercialModelType>PayAsYouGoModel</CommercialModelType>
        <Usage>
          <UseType>ConditionalDownload</UseType>
          <DistributionChannelType UserDefinedValue="Mobile" Namespace="PA-DPIDA-2012031302-
              R">UserDefined</DistributionChannelType>
        </Usage>
        <TerritoryCode>SE</TerritoryCode>
        <TerritoryCode>GB</TerritoryCode>
        <PriceInformation>
          <PriceType Namespace="PA-DPIDA-2012031302-R">TP</PriceType>
        </PriceInformation>
        <ValidityPeriod>
          <StartDate>2012-04-05</StartDate>
        </ValidityPeriod>
      </DealTerms>
    </Deal>
</ReleaseDeal>
```

Steps for DealList Optimization

The steps to optimize the DealList section are:

- For each release, if multiple territories share the same deal, they will be grouped together
- If multiple releases share the same territories/deals grouping (the result of step 1), they will be grouped together

The same steps apply for "Takedown", "AllDealsCancelled", "Preorder" with preview and "Preorder" without preview deals.

Validity Period Dates

In case of multi-period campaigns where <EndDate> tag figures in the ValidityPeriod section of the deal (ex: Pricing update campaign) the <StartDate> tag value of the periods (except the first period) will be modified as follows:

- Period 1: SD1, ED1
- Period 2: SD2, ED2
- Period 3: SD3
- → SD2=ED1+1
- → SD3=ED2+1

The EndDate will be inclusive of the campaign period.

Example

```
<Deal>
<DealTerms>
                <CommercialModelType>Ad-funded</CommercialModelType>
                <Usage>
                        <UseType>Download</UseType>
                        <DistributionChannelType Namespace="UMGI:DPID" UserDefinedValue="Fixed-
Line">IUserDefined</ DistributionChannelType>
                </Usage>
                <TerritoryCode>GB</TerritoryCode>
                <PriceInformation>
                        <PriceType namespace="UMG">STAP</PriceType>
                </PriceInformation>
                <ValidityPeriod>
                        <StartDate>2012-01-01</StartDate>
                        <EndDate>2012-02-01</EndDate>
                </ValidityPeriod>
</DealTerms>
</Deal>
<Deal>
<DealTerms>
                <CommercialModelType>Ad-funded</CommercialModelType>
                <Usage>
                        <UseType>Download</UseType>
                        <DistributionChannelType Namespace="UMGI:DPID" UserDefinedValue="Fixed-
Line">IUserDefined</ DistributionChannelType>
                </Usage>
                <TerritoryCode>GB</TerritoryCode>
                <PriceInformation>
                        <PriceType namespace="UMG">TAP</PriceType>
                </PriceInformation>
                <ValidityPeriod>
                        <StartDate>2012-02-02</StartDate>
                </ValidityPeriod>
</DealTerms>
</Deal>
```

Resource data section optimization

In order to optimize the Resource data section, localization will be reduced to some fields only.
The fileds where localization is allowed are the following:

- Genre
- Parental warning
- P/C notice

The fields listed in the above list should be compared to the Core level fields. Whenever a difference is detected between the core and the local value of the field, a localization will be taken into consideration and **ALL** fields will be mentioned in the territory section (not only the fields with difference).

Whenever an optimization (territories grouping) takes place, the TechnicalResourceDetailsReference tag in TechnicalSoundRecordingDetails will no longer include the country_code in it's value for:

- Sound Recording
- Image
- Video
- Text
- Midi

AS IS example:

```
<TechnicalResourceDetailsReference>T107415091820DE</TechnicalResourceDetailsReference>
```

TO BE example:

```
<TechnicalResourceDetailsReference>T107415091820</TechnicalResourceDetailsReference>
```

If a territory is not grouped with other territories (ex: in the case of a territory with translation, or a territory where Genre, Parental warning or P/C notice have different values than the core ones), the country_code will remain in the TechnicalResourceDetailsReference tag.

All territories can be grouped together except the following:

- All territories with translated metadata (JP, CH, TH, KR, HK etc..)

The "Label" tag will be removed from the ResourceList section.

Optimized XML Sample

The XML sample attached below is an optimized DDEX XML for an eAlbum product.

The ResourceList section was optimized from 4 601 lines to 939 lines (80% of the ResourceList section size reduction).

The DealList section was optimized from 17 837 lines to 533 lines (97% of the DealList section size reduction). To this sample were added the EndDate tags and TakeDown deals.

The whole XML was optimized from 25 847 lines to 4 356 lines (82% of the XML file size reduction).

Optimized Section	Initial Size (lines)	New Size (lines)	Size Reduction (%)
ResourceList	4 601	939	80%
DealList	17 837	533	97%
Total	25 847	4 356	82%

Optimized XML attached below.

UMG_Metadata_IFPI
_Piracy_new_008880

ERN Header Scheme Location

A long form of the ERN header scheme location will be used instead of the short form used today.

TO BE example:

```
<?xml version="1.0" encoding="UTF-8"?>
<ern:NewReleaseMessage  xmlns:ern="http://ddex.net/xml/ern/35" xmlns:xs="http://www.w3.org/2001/XMLSchema-
instance" xs:schemaLocation="http://ddex.net/xml/ern/35 http://ddex.net/xml/ern/35/release-notification.xsd"
MessageSchemaVersionId="ern/35" LanguageAndScriptCode="en">
```

Monopoly Resource

Monopoly resources will be populated in ResourceList, MIDI section.
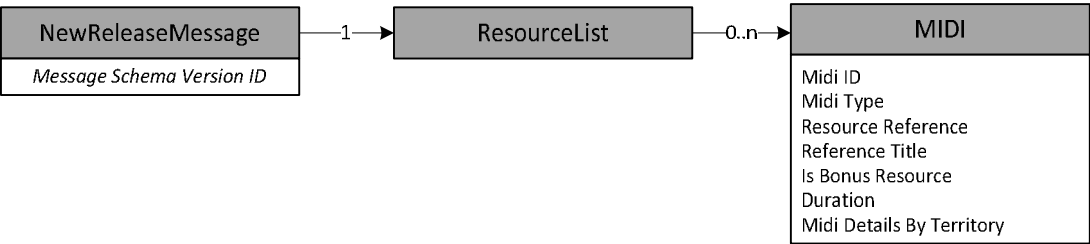
The MidiId tag will include the ProprietaryId and will be set to the DISRC of the Monopoly resource.

XML example:

```xml
<Midi>
   <MidiId>
      <ProprietaryId>SEBKB9802010 </ProprietaryId >
   </MidiId>
   <ResourceReference>A20000000011086</ResourceReference>
   <ReferenceTitle>
      <TitleText>My Favourite Game</TitleText>
   </ReferenceTitle>
   <IsBonusResource>false</IsBonusResource>
   <Duration>PT0M30.000S</Duration>
   <MidiDetailsByTerritory>
      <TerritoryCode>SE</TerritoryCode>
      <Title>
         <TitleText>My Favourite Game</TitleText>
      </Title>
      <DisplayArtist SequenceNumber="1">
         <PartyName>
            <FullName>The Cardigans</FullName>
         </PartyName>
         <ArtistRole>MainArtist</ArtistRole>
      </DisplayArtist>
      <LabelName LabelNameType="ReleaseLabel">Universal Music</LabelName>
      <CLine>
         <CLineText>(C) 2008 Universal Music AB</CLineText>
      </CLine>
      <MarketingComment>Marketing Test</MarketingComment>
      <Genre>
         <GenreText>Pop</GenreText>
      </Genre>
      <ParentalWarningType>NoAdviceAvailable</ParentalWarningType>
      <TechnicalMidiDetails>
                  <TechnicalResourceDetailsReference>T111111</TechnicalResourceDetailsReference>
         <Duration>PT0M30.000S</Duration>
         <IsPreview>false</IsPreview>
         <File>
            <FileName>FILENAME EXAMPLE</FileName>
            <HashSum>
               <HashSum>c30252ac9f045a2ga18168f13986f0f2</HashSum>
               <HashSumAlgorithmType>MD5</HashSumAlgorithmType>
            </HashSum>
         </File>
      </TechnicalMidiDetails>
   </MidiDetailsByTerritory>
</Midi>
```

Classical Release

In the Product release section, Release Type, a classical product won't be exported as a UserDefinedValue anymore. Instead the allowed release type value 'ClassicalAlbum' will be used.

A classical album release type will be determined by the existence of a work group, instead of music type. If at least one work group exists on the product the ReleaseType will be 'ClassicalAlbum'. If no work group exists the ReleaseType will be 'Album'.

The work group will be illustrated in the resource grouping in the product release.

Example

```
<ReleaseType>ClassicalAlbum</ReleaseType>
<ReleaseType UserDefinedValue="ClassicalRelease" Namespace="UMGI_DPID">UserDefined</ReleaseType>
```

The UserDefinedValue for a classical release will also be removed at Track level.
The ReleaseType at Track level will always be set to "TrackRelease".

Example

```
<ReleaseType>TrackRelease</ReleaseType>
<ReleaseType UserDefinedValue="ClassicalRelease" Namespace="UMGI_DPID">UserDefined</ReleaseType>
```

Updated/Added Tags and Fields

ArtistRole

A contributor exported as Artist (ArtistRole tag) will be mandatory.
The cardinality for this tag will be updated from 0-∞ to 1-∞.

ArtistRole tag exists in the following sections:
- ResourceList/SoundRecording
- ResourceList/Midi
- ResourceList/Video
- ResourceList/Image
- ResourceList/Text
- ReleaseList/ReleaseDetailsByTerritory

RightsControllerType

This tag is positioned in the following section:
ResourceList > SoundRecording > SoundRecordingDetailsByTerritory > RightsController

The value of this tag will be the the core value (rights controller type of the owning territory) for all the Territories.

ReleaseResourceType

The values that "ReleaseResourceType" tag can have in the ReleaseList section, ReleaseResourceReferenceList part will be updated to the following:

- "PrimaryResource" for sequenced assets
- "SecondaryResource" for un-sequenced assets

Date fields

The date fields in DDEX XML will no longer include the date concatenated to the letter "Z".
This will affect all the tags that might include a date value in the XML.

New Mandatory Tags

2 new mandatory tags have been added to DDEX ERN 3.5

IsBackfill

A Flag indicating whether the NewReleaseMessage is sent as part of a backfill activity (as opposed to providing ongoing deliveries of frontline ddex:Releases) (=True) or not (=False). When this element is not present, the context is assumed to be False.

The IsBackfill tag will be set to TRUE if a bulk order was created and the following 3 conditions were united:

- The product in the order has already been delivered to the BP
- There is no update concerning the product (binary update, metadata update, price update etc...)
- The concerned batch is not rationalized with another one

Otherwise, it will be set to FALSE.

StartDate

This tag is positioned in the following section:
ResourceList > SoundRecording > SoundRecordingDetailsByTerritory > RightsController

The StartDate tag will have the Product territory release date as value.

IMPACTS

DATA IMPACTS

None

BUSINESS PARTNER IMPACTS

- BPs will start to receive all data with DDEX ERN 3.5
- A new A&M guide will be provided to DDEX BPs 2 months before the deployment
- XML Samples for all Products – Regression tests will be provided to the BPs

USER INTERFACE IMPACTS

None

PLUG-IN IMPACTS

- The following plugins will be updated to export release data with DDEX ERN 3.5:
  - DDEX Standard (In DSC, TP is called DDEX STANDRAD)
  - DDEX Dual Delivery

- All changes and data mapping is described in the Detailed Design chapter.

- No impact on the fulfillment XML for the 2 impacted plugins.

OPERATIONAL IMPACTS

- When DDEX ERN 3.5 change will Go Live, all the BPs will have their plugin switched to the new DDEX plugin.

- The new DDEX Plugin will support only DDEX ERN 3.5 version and the BPs will receive one XML version (DDEX ERN 3.5).In case of a problem with the deliveries, the BP's plugin will not be rolled back to DDEX ERN 3.3. Instead, the new plugin will updated. When the new DDEX Plugin is published, no order validation will be needed.

- The Dual Delivery plugin (UMGI Standard + DDEX) will be updated to support the new DDEX ERN 3.5 version.

- On deployment of this CR all content exported to BPs using DDEX Standard and DDEX Dual delivery BPs will receive content exported with DDEX ERN 3.5.

- Already exported content on UCS will be kept as-is (exported with DDEX ERN 3.3).

- A new version of the DDEX reader tool supporting the new version will be provided to the BP Team.

DOCUMENTS REQUIREMENTS

The following document is required to release DDEX ERN :
- DDEX Asset & Metadata Guide: This document describes the XML structure sent and the associated metadata, and should enlighten the ingestion rules to be applied by the BP. The A&M guide will be ready to be published to partners two months before the actual release in order for them to be ready for the changes.
- XML Samples (Updated samples of already used products)
- BP conformance document

PERFORMANCE IMPACTS

- Packaging performance testing should be conducted to ensure there is no impacts.

OTHER IMPACTS

XML Reader Tool

The XML reader tool will be updated to support the optimizations discussed in the Deal and Ressource Data sections.

USER ACCEPTANCE CRITERIA

FUNCTIONAL TESTS

UMCHANGE-375 – SC-1: Territory Release Date

Aim of the scenario

The aim of the scenario is to test that the Territory Release Date is well exported in the XML file at Product and Track levels

Pre requisites
- BP1 has DDEX Standard as plugin and is a non-commercial BP
- BP1 has eSingle as product type
- UPC1: full track product of type eSingle
- UPC1 has 2 territories: GB and FR
    - GB has 10/09/2012 as release date
    - FR has 15/08/2012 as release date

Step 1
- Go to Orders module
- Place a Custom Order on UPC1 for BP1 and wait for it to be delivered
- Once delivered, download the XML file

Expected Results
- In the XML file:
    - ResourceList section, SoundRecordingDetailsbyTerritory, RightsController, the following tags should appear:
        - For GB: <StartDate>2012-09-10</StartDate>
        - For FR: <StartDate>2012-08-15</StartDate>
    - ReleaseList section, ReleaseDetailsByTerritory, the following tags should appear:
        - For GB: <ReleaseDate>2012-09-10</ReleaseDate>
        - For FR: <ReleaseDate>2012-08-15</ReleaseDate>

UMCHANGE-375 – SC-2: DealList Section Optimization – Single Track Product

Aim of the scenario

The aim of the scenario is to test that the territories with the same deals are grouped within one deal

Pre requisites
- BP1 has DDEX Standard as plugin
- BP1 has eSingle as product type
- BP1 Terms of Use are as following:
    - Permanent Download Subscription / Online
    - Time Limited Download Ad-funded / Mobile
- eSingle Terms of Use are as following:

- o Permanent Download Subscription / Online
- o Time Limited Download Ad-funded / Mobile
- UPC1: full track product of type eSingle
- UPC1 has 2 territories: GB and FR
- No campaign exists for UPC1

Step 1
- Go to Orders module
- Place a Custom Order on UPC1 for BP1 and wait for it to be delivered
- Once delivered, download the XML file

Expected Results
- In the XML file, DealList section, 2 ReleaseDeals should exist: 1 ReleaseDeal for the Product release and 1 ReleaseDeal for the track release
- In the ReleaseDeal for the Product release
  - o 1 DealReleaseReference tag should appear having the product ReleaseReference as value
  - o 2 Deals should appear:
    - SubscriptionModel / PermanentDownload / FixedLine
    - AdvertisementSupportedModel / ConditionalDownload / Mobile
  - o In each Deal, 2 territory codes should appear:
    - GB
    - FR
- In the ReleaseDeal for the Track release
  - o 1 DealReleaseReference tag should appear having the track ReleaseReference as value
  - o 2 Deals should appear:
    - SubscriptionModel / PermanentDownload / FixedLine
    - AdvertisementSupportedModel / ConditionalDownload / Mobile
  - o In each Deal, 2 territory codes should appear:
    - GB
    - FR

UMCHANGE-375 – SC-3: DealList Section Optimization – Multiple Tracks Product (Same ToU, Price and Dates for all the Tracks)

Aim of the scenario
The aim of the scenario is to test that the territories with the same deals are grouped within one deal

Pre requisites
- BP1 has DDEX Standard as plugin
- BP1 has eAlbum as product type
- BP1 Terms of Use are as following:
  - o Permanent Download Subscription / Online
  - o Time Limited Download Ad-funded / Mobile
- eAlbum Terms of Use are as following:
  - o Permanent Download Subscription / Online
  - o Time Limited Download Ad-funded / Mobile

- UPC1: full track product of type eAlbum
- UPC1 has 2 tracks
- UPC1 has 2 territories: GB and FR
- No campaign exists for UPC1

Step 1
- Go to Orders module
- Place a Custom Order on UPC1 for BP1 and wait for it to be delivered
- Once delivered, download the XML file

Expected Results
- In the XML file, DealList section, 2 ReleaseDeals should exist: 1 ReleaseDeal for the Product release and 1 ReleaseDeal for the track releases
- In the ReleaseDeal for the Product release
    - o 1 DealReleaseReference tag should appear having the product ReleaseReference as value
    - o 2 Deals should appear:
        - SubscriptionModel / PermanentDownload / FixedLine
        - AdvertisementSupportedModel / ConditionalDownload / Mobile
    - o In each Deal, 2 territory codes should appear:
        - GB
        - FR
- In the ReleaseDeal for the Track releases
    - o 2 DealReleaseReference tags should appear having the 2 tracks ReleaseReferences as values
    - o 2 Deals should appear:
        - SubscriptionModel / PermanentDownload / FixedLine
        - AdvertisementSupportedModel / ConditionalDownload / Mobile
    - o In each Deal, 2 territory codes should appear:
        - GB
        - FR

UMCHANGE-375 – SC-4: DealList Section Optimization – Multiple Tracks Product (Tracks with Different ToUs)
Aim of the scenario
The aim of the scenario is to test that the territories with the same deals are grouped within one deal

Pre requisites
- BP1 has DDEX Standard as plugin
- BP1 has eAlbum as product type
- BP1 Terms of Use are as following:
    - o Permanent Download Subscription / Online
    - o Time Limited Download Ad-funded / Mobile[2]
- UPC1: full track product of type eAlbum
- UPC1 has 3 tracks (T1, T2 and T3)
- T1 and T2 have "Permanent Download Subscription / Online" as ToU
- T3 has "Time Limited Download Ad-funded / Mobile" as ToU
- UPC1 has 2 territories: GB and FR

- No campaign exists for UPC1

Step 1
- Go to Orders module
- Place a Custom Order on UPC1 for BP1 and wait for it to be delivered
- Once delivered, download the XML file

Expected Results
- In the XML file, DealList section, 3 ReleaseDeals should exist: 1 ReleaseDeal for the Product release and 2 ReleaseDeals for the track releases (one for T1 & T2, and one for T3)
- In the ReleaseDeal for the Product release
    - 1 DealReleaseReference tag should appear having the product ReleaseReference as value
    - 2 Deals should appear:
        - SubscriptionModel / PermanentDownload / FixedLine
        - AdvertisementSupportedModel / ConditionalDownload / Mobile
    - In each Deal, 2 territory codes should appear:
        - GB
        - FR
- In the ReleaseDeal for T1 & T2:
    - 2 DealReleaseReference tags should appear (for T1 & T2) having the 2 tracks ReleaseReferences as values
    - 1 Deal should appear:
        - SubscriptionModel / PermanentDownload / FixedLine
    - In each Deal, 2 territory codes should appear:
        - GB
        - FR
- In the ReleaseDeal for T3:
    - 1 DealReleaseReference tags should appear (for T3) having the 1 tracks ReleaseReference as value
    - 1 Deal should appear:
        - AdvertisementSupportedModel / ConditionalDownload / Mobile
    - In each Deal, 2 territory codes should appear:
        - GB
        - FR

UMCHANGE-375 – SC-5: DealList Section Optimization – Multiple Tracks Product (with a Bundle Only Track)
Aim of the scenario
The aim of the scenario is to test that the territories with the same deals are grouped within one deal

Pre requisites
- BP1 has DDEX Standard as plugin

- BP1 has eAlbum as product type
- BP1 Terms of Use are as following:
    - Permanent Download Subscription / Online
- UPC1: full track product of type eAlbum
- UPC1 has 3 tracks (T1, T2 and T3)
- T3 is bundle only
- UPC1 has 2 territories: GB and FR
- No campaign exists for UPC1

Step 1
- Go to Orders module
- Place a Custom Order on UPC1 for BP1 and wait for it to be delivered
- Once delivered, download the XML file

Expected Results
- In the XML file, DealList section, 3 ReleaseDeals should exist: 1 ReleaseDeal for the Product release and 2 ReleaseDeals for the track releases (one for T1 & T2, and one for T3)
- In the ReleaseDeal for the Product release
    - 1 DealReleaseReference tag should appear having the product ReleaseReference as value
    - 1 Deal should appear:
        - SubscriptionModel / PermanentDownload / FixedLine
    - In the Deal, 2 territory codes should appear:
        - GB
        - FR
- In the ReleaseDeal for T1 & T2:
    - 2 DealReleaseReference tags should appear (for T1 & T2) having the 2 tracks ReleaseReferences as values
    - 1 Deal should appear:
        - SubscriptionModel / PermanentDownload / FixedLine
    - In the Deal, 2 territory codes should appear:
        - GB
        - FR
- In the ReleaseDeal for T3:
    - 1 DealReleaseReference tag should appear (for T3) having the 1 tracks ReleaseReference as value
    - 1 Deal should appear:
        - All Deals Cancelled
    - In the Deal, 2 territory codes should appear:
        - GB
        - FR

UMCHANGE-375 – SC-6: ResourceList Section Optimization

Aim of the scenario
The aim of this scenario is to test that resources with no localization, have all the same information and are grouped together.

Pre requisites
- BP1 has DDEX Standard as plugin
- BP1 has eSingle as product type
- UPC1: full track product of type eSingle
- UPC1 has 2 territories: GB and FR
- GB and FR should have the following same information
  - Genre
  - Parental warning
  - P/C notice

Step 1
- Go to Orders module
- Place a Custom Order on UPC1 for BP1 and wait for it to be delivered
- Once delivered, download the XML file

Expected Results
- In the XML file, ResourceList section, 1 SoundRecording should exist
- 1 SoundRecordingDetailsByTerritory section should exist
- GB and FR should be listed as TerritoryCode tags in the SoundRecordingDetailsByTerritory
- In the TechnicalSoundRecordingDetails section, the TechnicalResourceDetailsReference tag should not include a country code in it's value

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UMCHANGE-375 – SC-7: ResourceList Section Optimization (Translated Territory)
Aim of the scenario
The aim of the scenario is to test that the territories with the same informations are listed within the same SoundRecordingDetailsByTerritory section

Pre requisites
- BP1 has DDEX Standard as plugin
- BP1 has eSingle as product type
- UPC1: full track product of type eSingle
- UPC1 has 3 territories: GB, FR, JP
- GB and FR should have the following same information
  - Genre
  - Parental warning
  - P/C notice

Step 1
- Go to Orders module
- Place a Custom Order on UPC1 for BP1 and wait for it to be delivered
- Once delivered, download the XML file

Expected Results

- In the XML file, ResourceList section, 1 SoundRecording should exist
- 2 SoundRecordingDetailsByTerritory sections should exist
  - GB and FR should be listed as TerritoryCode tags in the same SoundRecordingDetailsByTerritory
  - JP should be listed as TerritoryCode tag in a SoundRecordingDetailsByTerritory section
- For GB and FR, In the TechnicalSoundRecordingDetails sections, the TechnicalResourceDetailsReference tags should not include a country code
- For JP, In the TechnicalSoundRecordingDetails sections, the TechnicalResourceDetailsReference tags should include a country code

UMCHANGE-375 – SC-8: ERN Header Scheme Location

Aim of the scenario
The aim of the scenario is to make sure that a long form of the ERN header scheme location will be exported in the XML

Pre requisites
- BP1 has DDEX Standard as plugin
- BP1 has eSingle as product type
- UPC1: full track product of type eSingle

Step 1
- Go to Orders module
- Place a Custom Order on UPC1 for BP1 and wait for it to be delivered
- Once delivered, download the XML file

Expected Results
- In the XML header; the following should appear:
  - <?xml version="1.0" encoding="UTF-8"?>
  - ern:NewReleaseMessage
  - xmlns:ern="http://ddex.net/xml/ern/35"
  - xmlns:xs="http://www.w3.org/2001/XMLSchema-instance"
  - xs:schemaLocation="http://ddex.net/xml/ern/35 http://ddex.net/xml/ern/35/release-notification.xsd"
  - MessageSchemaVersionId="ern/35"
  - LanguageAndScriptCode="en"

UMCHANGE-375 – SC-9: Ordering a MonoPoly Product

Aim of the scenario
The aim of the scenario is to make sure a monopoly product is exported with Midi resources

Pre requisites
- BP1 has DDEX Standard as plugin
- BP1 has MonoPoly as product type
- UPC1: full track product of type MonoPoly
- UPC1 has 1 track

Step 1
- Go to Orders module
- Place a Custom Order on UPC1 for BP1 and wait for it to be delivered
- Once delivered, download the XML file

Expected Results
- In ResourceList, a Midi section should exist
- The Midi section should contain the following information
    - Midi / Midi ID / Proprietary ID
    - Midi / ResourceReference
    - Midi / Reference Title / Title Text
    - Midi / Is Bonus Resource
    - Midi / Duration
    - Midi / Midi Details By Territory / Territory Code
    - Midi / Midi Details By Territory / Title / Title Text
    - Midi / Midi Details By Territory / Display Artist / Party Name / Full Name
    - Midi / Midi Details By Territory / Display Artist / Artist Role
    - ~~Midi / Midi Details By Territory / Label Name~~
    - Midi / Midi Details By Territory / Cline / Cline Text
    - Midi / Midi Details By Territory / Marketing Comment
    - Midi / Midi Details By Territory / Genre
    - Midi / Midi Details By Territory / Parental Warning Type
    - Midi / Midi Details By Territory / Technical Midi Details / Technical Resource Details Reference
    - Midi / Midi Details By Territory / Technical Midi Details / Duration
    - Midi / Midi Details By Territory / Technical Midi Details / Is Preview
    - Midi / Midi Details By Territory / Technical Midi Details / File / File Name
    - Midi / Midi Details By Territory / Technical Midi Details / File / Hash Sum / Hash Sum
    - Midi / Midi Details By Territory / Technical Midi Details / File / Hash Sum / Hash Sum Algorithm Type

UMCHANGE-375 – SC-10: DDEX XML Reader Tool

Aim of the scenario
The aim of the scenario is to make sure that the updated DDEX XML reader tool can support the delivered DDEX XML

Pre requisites
- BP1 has DDEX Standard as plugin
- BP1 has eSingle as product type
- UPC1: full track product of type eSingle

Step 1
- Go to Orders module
- Place a Custom Order on UPC1 for BP1 and wait for it to be delivered
- Once delivered, download the XML file

- Open the XML using the DDEX XML Reader Tool

Expected Results
- The DDEX XML is well displayed
- The optimized sections are well displayed with the right optimized data
- All resources are well displayed
- All releases are well displayed
- All deals are well displayed

UMCHANGE-375 – SC-11: Deliver a Classical Album Product

Aim of the scenario
The aim of the scenario is to make sure that a Classical product with resource group will be exported as a ClassicalAlbum release type

Pre requisites
- BP1 has DDEX Standard as plugin
- BP1 has eAlbum as product type
- BP1 has Classical as repertoire Type
- UPC1: classical full track product with workgroup of type eAlbum

Step 1
- Go to Orders module
- Place a Custom Order on UPC1 for BP1 and wait for it to be delivered
- Once delivered, download the XML file

Expected Results
- In the ReleaseList section:
  - Product release:
    - The ReleaseType tag has ClassicalAlbum as value
    - No UserDefinedValue exists
  - Track releases:
    - The ReleaseType tag has TrackRelease as value
    - No UserDefinedValue exists

UMCHANGE-375 – SC-12: IsBackfill Tag

Aim of the scenario
The aim of the scenario is to make sure that the IsBackfill tag is filled with the right value

Pre requisites
- BP1 has DDEX Standard as plugin
- BP1 has eSingle as product type
- BP1 operates in CTY1

- UPC1, UPC2, UPC3 and UPC4: full track products of type eSingle
- UPC1, UPC2 and UPC3 are orderable in CTY1 and are already delivered to BP1
- UPC4 is orderable in CTY1 and has never been delivered to BP1

Step 1
- Go to Orders module
- Place a bulk order on UPC1 for BP1 and select Back Catalogue
- Wait for the order to be delivered
- Once delivered, download the XML file

Expected Results
- The IsBackfill tag has TRUE as value

Step 2
- Go to Orders module
- Place a bulk order on UPC2 for BP1 and select Back Catalogue
- Wait for the order to be in "Validated" status
- Go to place custom order page
- Create a cherry pick on UPC2 for BP1

Expected Results
- The 2 batches created (one for the bulk order and one for the cherry pick) are rationalized
- In the delivered XML, the IsBackfill tag has FALSE as value

Step 3
- Go to Orders module
- Place a Cherry Pick order for UPC3 on BP1 and select "Enable Redelivery"
- Wait for the order to be delivered
- Once delivered, download the XML file

Expected Results
- The IsBackfill tag has FALSE as value

Step 4
- Go to Orders module
- Place a Cherry Pick order for UPC4 on BP1
- Wait for the order to be delivered
- Once delivered, download the XML file

Expected Results
- The IsBackfill tag has FALSE as value

UMCHANGE-375 – SC-13: Check the impacts of pricing updates on a product

Aim of the scenario

Check that the creation of a new pricing campaign at product level will trigger updates to BPs
Check that the modification of the baseline price at product level will trigger an update to BPs
Check that the creation of a new pricing campaign at track level will trigger updates to BPs
Check that the modification of the baseline price at track level will trigger an update to BPs

Pre requisites

- UPC1 has a baseline price code PC1 and is already delivered to BP1
- ISRC1 has a baseline price code PC1
- With:
    - 'D', date of today,
    - 'N', date to be chosen in the future (D < N),
    - 'X', date to be chosen in the future (D < N < X)
- From D to Dx: UPC1 baseline price: PC3
- From Dx: UPC1 baseline price: PC4
- From D to Dx: ISRC1 baseline price: PC3
- From Dx: ISRC1 baseline price: PC4

Step 1

- Create and submit the following Pricing Product Campaign:
- Campaign1: UPC1/CTY1/BP1/PC2/from D to D+n

Expected Results

- The pricing product campaign is created

Step 2

- Verify that an update is created and delivered for BP1/CTY1/PC2 and check the XML

Expected Results

- The following information is sent on day 'D':
- In the XML, for each pricing interval, the below tags will be displayed:
  o release deal/deal/deal terms/commercial model type
  o release deal/deal/deal terms/usage/use type + distribution channel type
  o release deal/deal/deal terms/territory code (CTY1)

- The following tags would be different for each pricing intervals:
- The following pricing information are displayed for Campaign 1 from 'D' to 'D+n':
  o release deal/deal/deal terms/price information/price type (PC2) + namespace
  o release deal/deal/deal terms/validity period/start date (D)
  o release deal/deal/deal terms/validity period/end date (D+n)
  o release deal/Effective Date

- The following pricing information is displayed for Campaign 1 from 'D+n+1' to 'D+X':
  o release deal/deal/deal terms/price information/price type (PC3) + namespace

o release deal/deal/deal terms/validity period/start date (D+n+1)
o release deal/deal/deal terms/validity period/end date (D+X)
o release deal/Effective Date

- The following pricing information is displayed for Campaign 1 from 'D+X+1':
  o release deal/deal/deal terms/price information/price type (PC4) + namespace
  o release deal/deal/deal terms/validity period/start date (D+X+1)
  o release deal/Effective Date

Step 3
- Create and submit the following Pricing Track Campaign:
- Campaign2: ISRC1/CTY1/BP1/PC5 from D to D+n

Expected Results
- The pricing track is created

Step 4
- Verify that an update is created and delivered for ISRC1/CTY1/BP1/PC5 and check the XML

Expected Results
- The following information is sent on day 'D':
- In the XML, for each pricing interval, the below tags will be displayed:
- Check that the following tags are displayed at track release ISRC1
  o release deal/deal release reference
  o release deal/deal/deal terms/commercial model type
  o release deal/deal/deal terms/usage/use type + distribution channel type
  o release deal/deal/deal terms/territory code (CTY1)

- The following tags would be different for each pricing intervals:
- The following pricing information are displayed for Campaign 2 from 'D' to 'D+n':
  o release deal/deal/deal terms/price information/price type (PC5) + namespace
  o release deal/deal/deal terms/validity period/start date (D)
  o release deal/deal/deal terms/validity period/end date (D+n)
  o release deal/Effective Date

- The following pricing information are displayed for Campaign 1 from 'D+n+1':
  o release deal/deal/deal terms/price information/price type (PC3) + namespace
  o release deal/deal/deal terms/validity period/start date (D+n+1)
  o release deal/deal/deal terms/validity period/end date (D+X)

- The following pricing information are displayed for Campaign 1 from
  o release deal/deal/deal terms/price information/price type (PC4) + namespace
  o release deal/deal/deal terms/validity period/start date (D+X+1)

  o release deal/Effective Date (D)

NON REGRESSION TESTS
• Deliver a Product with Pre-Order and Bonus Track • Deliver a ShortForm video Product • Deliver a RealTone Product • Deliver a SpeechTone Product • Deliver an AlertTone Product • Delivert a Video MasterTone Product • Deliver a Wallpaper Product • Deliver a product with translation JP • Deliver a product with translation CN • Deliver a eAlbum with booklet • Deliver a eMix bundle album package with booklet • Deliver a Pop Package • Deliver Pop eSingle - Full Takedown • Deliver Pop eSingle - Local Takedown • Deliver Pop eSingle - Price Update • Pop eSingle - ToU and Price updates • Pop eSingle - ToU Update • Deliver a Product orderable in DE and make sure the Label tag value is right

digiplug►►►	Feasibility Study Form
Universal – Digiplug/Accenture	Version 1.7 – 30/10/2012

COST IMPACT

Date: *[insert date]* **Author:** *[insert name]*

Expiry period: *[30 days]*

Implementation costs				
Item description	**Type**	**Difficulty (S/M/C)**	**Cost (days)**	**Comment**
Implementation Cost (days)				
Estimation, Impact Study				
Functional Design				
Technical Design				
QA, Deployment, Management				
Software, Hardware, 3rd Party				
Total Implementation/Set up Cost (days)				
Total Implementation/Set up Cost (€ Euro)				

Run (Operational) costs		
Personnel (days)		
Software, Hardware, 3rd Party (€ Euro)	[If applicable]	
Impact on Service Charges (€ Euro)	[If applicable]	
Other (*please specify*) (€ Euro)	[If applicable]	
Total Operational Cost (days)		

Total Cost related to Change (€ Euro)	
Other details (*insert attached file here*)	

[Documentation Guide:
Item description:
- *Description of the quoted item. Include if possible screen name, functional class being impacted, etc.*
- *Ex: Additional field in login screen, new database table, new batch, etc.*

Type:
- *Type of impacted object.*
- *Ex: Screen, module, table, script (SQL, shell), edition (xls, xml, pdf, …)*

Difficulty:
- *Difficulty of implementation.*
- *Ex: Simple, Medium, Complex.*

Cost:
- *Cost in man-days of implantation*

Comment:

- *Used for additional comments, in order to provide as much detail on quotation as possible.]*

Additional Information

[Please add any information that might be relevant to the understanding of this Feasibility Study]

[To be completed by UMGI and Accenture after Change Request Meeting]

FEASIBILITY STUDY APPROVAL

AGREED BY UNIVERSAL	**SIGNATURE:** *Signature of Universal Authorised Representative (*)*		**Date :**
AGREED BY ACCENTURE	**SIGNATURE:** *Signature of Accenture Authorised Representative (*)*		**Date :**

(*): These roles are limited to a group of specified users (see Change Control Procedure Document for the complete list). A Change Request has to be authorised by one or more of them before being submitted to Accenture.