



Business Message Standard (BMS) Align_Trade_Item_Extension_For_ Music_Recordings

BMS Release: 2.7, BRG Name: GDSN

Issue 1.0.2, 20-Feb-2010



Document Summary

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| 13-Apr-2007 | GS1 | 07-000171 |
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| 05-Sept-2007 | Agentrics | 07-000318 |
| 15-Sep-2008 | SA2 Worldsync GmbH | 08-000180 |

Business Requirements Document (BRAD) Reference

| BRAD Title: | BRD Date: | BRAD Version |
|--------------------------------------------|-------------|--------------|
| BRAD Data Alignment for Music Publications | 21-Jun-2005 | 0.0.8 |
| BRAD For GDSN Item Maintenance Release 2 | 22-Jul-2007 | 0.0.4 |

Document Change History

| Date of Change | Version | Changed By | Reason for Change | Summary of Change | Model Build # |
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| 27-Jul-2005 | 0.0.1 | Brian Bennett | Initial Draft | | |
| 10-Oct-2005 | 0.0.2 | Eric Kauz | Development Review | Updated GDD Report For contentDescriptor. | |
| 20-Oct-2005 | 0.0.3 | Eric Kauz | Stop Gap | | |
| 17-Nov-2005 | 0.0.4 | Brian Bennett | Comment Resolution | Updated GDD for consistency | |

| Date of Change | Version | Changed By | Reason for Change | Summary of Change | Model Build # |
|----------------|---------|---------------|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| 08-Dec-2005 | 0.0.5 | Brian Bennett | Comment Resolution | Updated GDD for consistency | |
| 13-Nov-2006 | 0.0.6 | Eric Kauz | Retirement of Candidate Attribute CRs 06-000169 | Addition of new code list values. Externalised of Battery Type Code List and Game Format Code List Corrected model to allow for multiple content descriptors. | |
| 22-May-2007 | 1.0.0 | Eric Kauz | CR 07-000171 | Updated to reflect candidate attribute extension. Changes corresponding to MR2. | |
| 04-Dec-2007 | 1.0.1 | Eric Kauz | Code List Release | <ul style="list-style-type: none"> Added HIP_HOP_RAP to ProductGenreCodeList. Added UMD and RINGLE to the Media Format code list Updated Media Format code list definition to allow for the inclusion of "features". | |
| 15-Sep-2008 | 1.0.2 | Eric Kauz | Code List Release | <ul style="list-style-type: none"> Added USB to the code list for the "Media Format. | |

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1. Business Domain View

1.1. Problem Statement / Business Need

The Entertainment Industry Requirements Team has reviewed the existing Trade Item Data Model and compared those attributes to current business process requirements for their industry. Industry unique materials and processes exist which require additional attributes to completely and properly convey the data supporting current business processes in this industry as well as facilitate participation on the Global Data Synchronization Network. This document both defines and describes those additional attributes that have been identified as necessary to support current Entertainment industry business requirements. This includes new attributes and new data validation rules. This document is for an extension specifically for music recordings.

1.2. Objective

To supply the detail design of the (specific) business transaction needed to meet the requirements of the referenced BRAD.

The North American Entertainment industry has begun the process of data synchronization and these implementations necessitate the changes and additions to the GS1 standards as documented to support these efforts. The objective is to create a business message standard supporting communication of trade item data attributes for the Entertainment industry.

1.3. Audience

The audience of the standards would be any participant in the global supply chain specifically the Entertainment Industry. This would include carriers, and their customers and partners.

1.4. References

| Reference Name | Description |
|--------------------------------------------------------|-------------|
| National Association of Recording Merchandisers (NARM) | |

1.5. Acknowledgements

The following is a list of individuals (and their companies) who participated in the creation, review and approval of this BMS.

1.5.1. BRG Work Group

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1.5.2. Design Team Members

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| EANCOM Technical Designer | | |
| Peer Reviewer | Eric Kauz Brian Bennett Giovanni Biffi | GS1 |

2. Business Context

| Context Category | Value(s) |
|----------------------|------------------|
| Industry | Entertainment |
| Geopolitical | All |
| Product | Music Recordings |
| Process | Align_Trade Item |
| System Capabilities | EAN.UCC |
| Official Constraints | None |

3. Additional Technical Requirements Analysis

This section documents the analysis of additional technical requirements.

3.1. Technical Requirements (optional)

| Number | Statement | Rationale |
|--------|----------------|-----------|
| | Not Applicable | |

4. Business Transaction View

4.1. Business Transaction Use Case Diagram

Covered in Align Trade Item Use Cases

4.2. Use Case Description

Covered in Align Trade Item Use Cases

4.3. Business Transaction Activity Diagram(s)

Not Applicable

4.4. Business Transaction Sequence Diagram(s) (optional)

Not Applicable

5. Information Model (Including GDD Report)

5.1. GDD Report

Music Recording Trade Item Extension V2.1.0

| Class (ABIE) | Attribute (BBIE) | Association (ASBIE) | Secondary Class | Official Dictionary Entry Name | Definition | Multiplicity | Related Requirements |
|---------------------------------|----------------------------|---------------------|-----------------|--------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------|
| EntertainmentProductDescription | | | | Entertainment Product Description. Details | Provides various classifications common to entertainment related products(eg. movies, music) including format and genre. | | |
| | isDigitalDownloadAvailable | | | Entertainment Product Description. Digital Download Available. Indicator | Indicates if the title is available in the digital download format. | 1..1 | |
| | mediaFormatCode | | | Entertainment Product Description. Media Format Code. Text | The code that identifies the type of media on which the media product is recorded and played as well as technical specifications or structured features for users. | 1..* | |
| | productGenre | | | Entertainment Product Description. Product Genre. Text | The code of the genre of music trade item. The genre is a categorization of the music trade item based upon the content and maintained for marketing and merchandising purposes. | 1..* | |

| Class (ABIE) | Attribute (BBIE) | Association (ASBIE) | Secondary Class | Official Dictionary Entry Name | Definition | Multiplicity | Related Requirements |
|------------------------------------|------------------|---------------------|--------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|--------------|----------------------|
| | productLine | | | Entertainment Product Description. Product Line. Language_Text | The name of the product line that the trade item belongs to. A product line is a price grouping. | 0..* | |
| MusicRecordingContentInformation | | | | Music Recording Content Information. Details | Logical grouping of information relating to the content of a particular recording in the music industry. | | |
| | discNumber | | | Music Recording Content Information. Disc Number. Integer_Numeric | The number allocated to a disc, beginning with 1 | 1..1 | |
| | | | MusicRecordingTrackInformation | Music Recording Content Information. Association. Music Recording Track Information | This information on MusicRecordingTrackInformation for MusicRecordingContentInformation. | 1..* | |
| MusicRecordingPersonnelInformation | | | | Music Recording Personnel | Logical grouping of information related to the personnel information for the music recording industry. | | |
| | artistName | | | Music Recording Personnel.Artist Name.Text | Name of the recording artist associated with this recording. | 0..* | |
| | composerName | | | Music Recording Personnel.Composer Name.Text | Name of the person who writes a written piece of music. | 0..* | |
| | directorName | | | Music Recording Personnel.Director Name.Text | Name of the person who leads a musical ensemble. | 0..* | |

| Class (ABIE) | Attribute (BBIE) | Association (ASBIE) | Secondary Class | Official Dictionary Entry Name | Definition | Multiplicity | Related Requirements |
|--------------------------------|-------------------------|---------------------|-----------------|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------|
| | orchestraName | | | Music Recording Personnel.Orchestra Name.Text | Name of the group of musicians organized to perform the ensemble music piece. | 0..* | |
| MusicRecordingTitleRating | | | | Music Recording Title Rating | Content rating information for a Music Recording Publication. | | |
| | ratingContentDescriptor | | | Music Recording Title Rating.Rating Content Descriptor.Language_Text | Indicate elements in the trade item that may trigger a particular rating and/or may be of interest or concern to the consumer. | 0..* | |
| | titleRating | | | Music Recording Title Rating.Title Rating.Text | A rating assigned to the title by a country, industry or volunteer organization that may be of interest or concern to the consumer. | 0..1 | |
| | titleRatingEntity | | | Music Recording Title Rating.Title Rating Entity.Text | The name of the country, industry or volunteer organization that has rated the title and has provided the rating content descriptor. | 0..1 | |
| MusicRecordingTrackInformation | | | | Music Recording Track Information.Details | Logical grouping of track information relating to the music recording industry. | | |
| | trackNumber | | | Music Recording Track Information.Track Number.Integer_Numeric | The number allocated to a track on a disc, from 1 upwards. | 1..1 | |

| Class (ABIE) | Attribute (BBIE) | Association (ASBIE) | Secondary Class | Official Dictionary Entry Name | Definition | Multiplicity | Related Requirements |
|----------------------------------|------------------|---------------------|------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------|
| | trackTime | | | Music Recording Track Information. Track Time. Time Qualifier_ Code | The length of the track expressed in hours and minutes and seconds. | 1..1 | |
| | trackTitle | | | Music Recording Track Information. Track Title. Language_Text | The name of the piece of music or part of the piece of music of the track. | 1..1 | |
| | | | MusicRecordingPersonnelInformation | Music Recording Track Information. Association. Music Recording Personnel | Details on music recording personnel associated with a specific track. | 0..1 | |
| MusicRecordingTradeItemExtension | | | | Music Recording Trade Item Extension. Details | Provides details for a trade item specifically related to a music recording. | | |
| | collectionName | | | Music Recording Trade Item Extension. Collection_Name. Text | The name of a series of music publications grouped under a common theme. The name of the collection is printed on the package of the trade item. | 0..1 | |

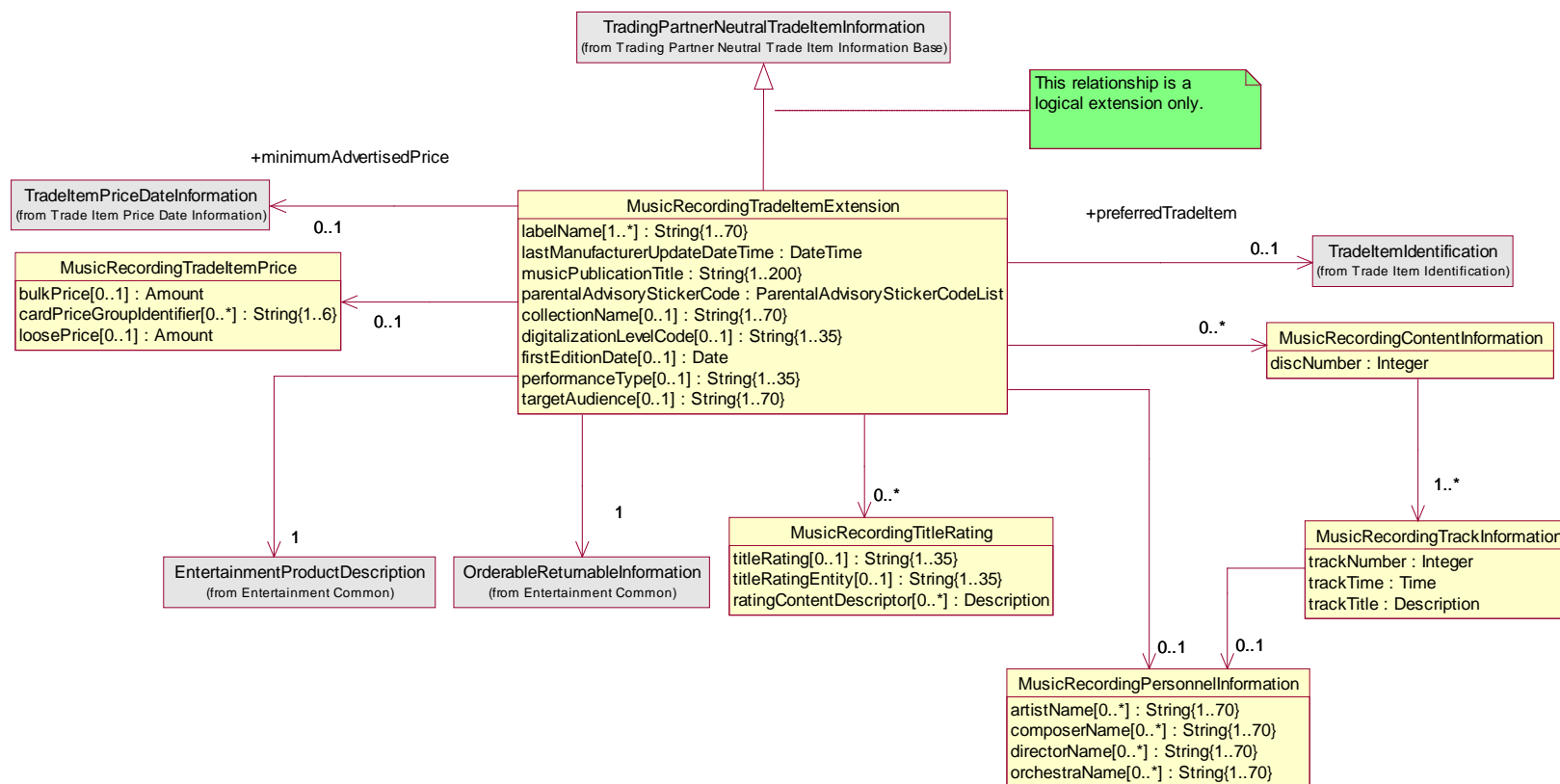
| Class (ABIE) | Attribute (BBIE) | Association (ASBIE) | Secondary Class | Official Dictionary Entry Name | Definition | Multiplicity | Related Requirements |
|--------------|--------------------------------|---------------------|-----------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------|
| | digitalizationLevelCode | | | Music Recording Trade Item Extension. Digitalization Level Code. Text | A code that indicates the way a record was produced. Three stages are involved in production: recording, editing/mixing and dubbing/transfer. Recording and editing/mixing stages can be analogue or digital. If digital, the stage is coded D. If analogue, the stage is coded A. "ADD" means that the recording was analogue and the editing/mixing was digital. | 0..1 | |
| | firstEditionDate | | | Music Recording Trade Item Extension. First Edition Date. Date Format_ Code | The date on which a music publication is first edited. | 0..1 | |
| | labelName | | | Music Recording Trade Item Extension. Label_ Name. Text | The name of the company (called label in the music industry) that made the music publication. | 1..* | |
| | lastManufacturerUpdateDateTime | | | Music Recording Trade Item Extension. Last Manufacturer Update Date Time. Date Time | The last date (including time) on which the manufacturer has made a change to the trade item. | 1..1 | |
| | musicPublicationTitle | | | Music Recording Trade Item Extension. Music Publication Title. Text | The name of a piece of music or of a music publication. | 1..1 | |

| Class (ABIE) | Attribute (BBIE) | Association (ASBIE) | Secondary Class | Official Dictionary Entry Name | Definition | Multipli- city | Related Requirem- ents |
|--------------|-----------------------------|---------------------|------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------|------------------------------|
| | parentalAdvisoryStickerCode | | | Music Recording Trade Item Extension. Parental Advisory Sticker Code. Code | Indication of the presence of parental advisory sticker. | 1..1 | |
| | performanceType | | | Music Recording Trade Item Extension. Recording Type. Text | A text description that indicates the conditions in which the recording took place. | 0..1 | |
| | targetAudience | | | Music Recording Trade Item Extension. Target Audience. Text | A description of the recommended audience of the music publication. | 0..1 | |
| | | | EntertainmentProductDescription | Music Recording Trade Item Extension. Association. Entertainment Product Description | Product Description of an Entertainment Product. | 1..1 | |
| | | | MusicRecordingContentInformation | Music Recording Trade Item Extension. Association. Music Recording Content Information | This information on MusicRecordingContentInformation for MusicRecordingTradeItemExtension. | 0..* | |
| | | | MusicRecordingPersonnelInformation | Music Recording Trade Item Extension. Association. Music Recording Personnel | Music Recording Personnel information for a Music Recording Trade Item | 0..1 | |
| | | | MusicRecordingTitleRating | Music Recording Trade Item Extension. Association. Music Recording Title Rating | The content rating for a Music Recording Trade Item. | 0..* | |

| Class (ABIE) | Attribute (BBIE) | Association (ASBIE) | Secondary Class | Official Dictionary Entry Name | Definition | Multiplicity | Related Requirements |
|------------------------------|------------------|------------------------|--------------------------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|--------------|----------------------|
| | | | MusicRecordingTradeItemPrice | Music Recording Trade Item Extension. Association. Music Recording Trade Item Price | This information on MusicRecordingTradeItemPrice for MusicRecordingTradeItemExtension. | 0..1 | |
| | | | OrderableReturnableInformation | Music Recording Trade Item Extension. Association. Orderable Returnable Information | This information on OrderableReturnableInformation for MusicRecordingTradeItemExtension. | 1..1 | |
| | | preferredTradeItem | TradeItemIdentification | Music Recording Trade Item Extension. Preferred Trade Item Association. Trade Item Identification | The identification of the consumer unit that is the preferred variant for a title. | 0..1 | |
| | | minimumAdvertisedPrice | TradeItemPriceDateInformation | Music Recording Trade Item Extension. Minimum Advertised Price Association. Trade Item Price | The minimum consumer price (amount) at which the trade item may be advertised. | 0..1 | |
| MusicRecordingTradeItemPrice | | | | Music Recording Trade Item Price. Details | Logical Grouping of trade item price details in the music recording industry. | | |
| | bulkPrice | | | Music Recording Trade Item Price. Bulk Price. Amount | The amount of money for which the trade item is bought or sold when buying or selling a standard configuration. | 0..1 | |

| Class (ABIE) | Attribute (BBIE) | Association (ASBIE) | Secondary Class | Official Dictionary Entry Name | Definition | Multiplicity | Related Requirements |
|--------------------------------|-----------------------------------|---------------------|-----------------|---------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------|
| | cardPriceGroupIdentifier | | | Music Recording Trade Item Price. Card Price Group Identifier. Code Value_ Text | A code that identifies a price. | 0..* | |
| | loosePrice | | | Music Recording Trade Item Price. Loose_ Price. Amount | The amount of money for which the trade item is bought or sold when buying or selling individual units that are not in a standard configuration. | 0..1 | |
| OrderableReturnableInformation | | | | Orderable Returnable Information. Details | Logical Grouping of Orderable Returnable Information | | |
| | lastReturnableDateTime | | | Orderable Returnable Information. Last_ Returnable Date Time. Date Time | The last date AND time when a non sold trade item must be received by the manufacturer to receive credit. | 0..1 | |
| | orderableReturnableConditionsCode | | | Orderable Returnable Information. Orderable_ Returnable Conditions Code. Code | A code that indicates if the trade item can be ordered and returned if non-sold. | 1..1 | |

5.2. Class Diagrams



Note The relationship between the extension and the Trading Partner Neutral Trade Item Information class is logical only and does not designate the physical location of the extension tag in the Schema. This relationship states that, logically, the information contained in the extension belongs with other Trading Partner Neutral Trade Item Information such as packaging marking and item dimensions. The physical placement of the extension tag is a technical decision as long as it allows the implementers to relate the extensions to a specific trade item.

5.2.1.1. Entertainment Product Description

| EntertainmentProductDescription |
|---------------------------------------|
| isDigitalDownloadAvailable : Boolean |
| mediaFormatCode[1..*] : String{1..70} |
| productGenre[1..*] : String{1..35} |
| productLine[0..*] : Description |

5.2.1.2. Orderable Returnable Information

| OrderableReturnableInformation |
|---------------------------------------------------------------------------|
| orderableReturnableConditionsCode : OrderableReturnableConditionsCodeList |
| lastReturnableDateTime[0..1] : DateTime |

5.3. Code Lists

| Code List Name | Code List Description |
|---------------------------------------|---------------------------------------------------------------------------------------|
| OrderableReturnableConditionsCodeList | Code that indicates if the trade item can be ordered and returned if non-sold. |
| Code Name | Code Description |
| ACTIVE | The trade item is an orderable unit and is returnable if not sold. |
| CUTOUT | The trade item is not an orderable unit and is returnable if not sold. |
| DELETED | The trade item is not an orderable unit and not returnable if not sold. |
| HOLD | The trade item is temporarily unavailable but still returnable. |

| Code List Name | Code List Description |
|---------------------------------|----------------------------------------------------------------------------------|
| ParentalAdvisoryStickerCodeList | To indicate if a parental advisory sticker is attached or not to the trade item. |
| Code Name | Code Description |
| NO | Parental Advisory Sticker is not attached to trade item. |
| UNSPECIFIED | Not stated explicitly or in detail. |
| YES | Parental Advisory Sticker is on attached to trade item. |

6. Business Document Example

Not Applicable

7. Implementation Considerations

7.1.1. Trade Item Measurement Rules

CubiScan[®] 30

The music and film publishing industries have a long history of utilizing a specific measurement orientation for CDs and DVDs. The method of measurement and orientation of these trade items has been incorporated into a measurement tool manufactured by Quantronix, Inc. The tool is called CubiScan[®] 30. **This tool has emerged as a standard for these industries and is consistent with the National Association of Recording Merchandisers (NARM) method of measurement.**

In this measurement system, the dimensional measurements of CDs and DVDs are derived as follows:

The trade item is laid flat in the upper left corner of the CubiScan[®] 30, with the spine along the left edge of the CubiScan[®] 30, and the front of the CD or DVD facing up.

NARM Height = Thickness

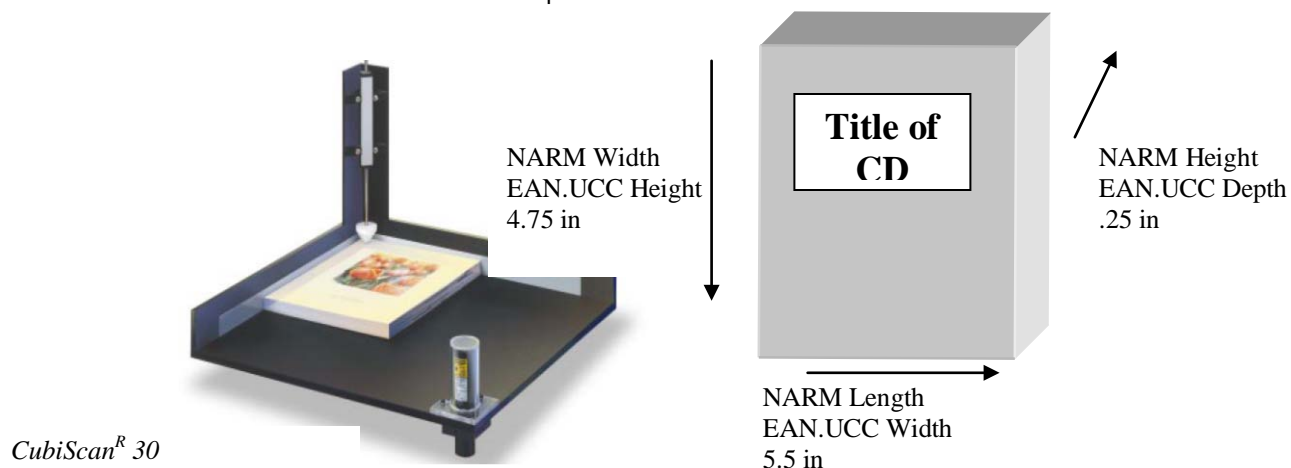
NARM Length = Bottom left to bottom right

NARM Width = Top left to bottom left

The information providers are expected to populate the appropriate EAN.UCC dimensional attributes per the chart below. Standard measurements for CDs and DVDs:

| CubiScan [®] 30 | EAN.UCC | CD | DVD |
|--------------------------|---------|---------|----------|
| NARM Height | Depth | .25 in | .375 in |
| NARM Width | Height | 4.75 in | 5.375 in |
| NARM Length | Width | 5.50 in | 7.000 in |

The illustrations below show how the product is oriented and measured:



Peg Hole Measurements

Please use the following method for populating peg hole information for those trade items for which the packaging has more than one peg hole (this example is for a package with two peg holes):

| Attribute | Value |
|------------------------|-------|
| Peg Hole Number | 1 |
| Peg Horizontal and UOM | 1 in |
| Peg Vertical and UOM | 2 in |
| Peg Hole Number | 2 |
| Peg Horizontal and UOM | 4 in |
| Peg Vertical and UOM | 2 in |

Horizontal measurement is from left edge to the centre of the hole

Vertical measurement is from the top to the centre of the hole

Note: While the EAN.UCC standard was revised to identify that a package may have more than one peg hole, at this time it incorrectly prohibits multiple iterations of these attributes. A request has been submitted to Align Data to consider an errata revision to correct this in the published standard.

Attributes contained in the current EAN.UCC standard

The entertainment industry requirements team requested the attributes listed in the table below. Upon further analysis, it was determined these attributes already exist in the current EAN.UCC standard. The following conversion table should be used for implementation:

| Entertainment Attribute | EAN.UCC Attribute |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Units per Set | Net Content |
| Carton Lot Quantity | Quantity of Next Lower Level Trade Item (contained in the Case GTIN record) |
| Sale Street Date | Consumer Availability Date |
| One Way Indicator | Is Non Sold Trade item Returnable |
| Primary Packaging Description | Packaging Type Description <ul style="list-style-type: none"> This attribute can be repeated with multiple values See industry code list in Appendix B |
| Secondary Packaging Description | |

7.1.2. Status Code (OrderableReturnableConditionsCode)

| Attribute | Value | |
|-----------------------------------|----------|----------|
| | | |
| Status Code | Active | |
| Is Trade Item Orderable | TRUE | |
| Is Non Sold Trade Item Returnable | TRUE | |
| Returnable Trade Item End Date | CCYYMMDD | |
| | | |
| Status Code | Cutout | |
| Is Trade Item Orderable | FALSE | |
| Is Non Sold Trade Item Returnable | TRUE | |
| Returnable Trade Item End Date | CCYYMMDD | |
| | | |
| Status Code | Deleted | |
| Is Trade Item Orderable | FALSE | |
| Is Non Sold Trade Item Returnable | FALSE | |
| Returnable Trade Item End Date | CCYYMMDD | |
| | | |
| Status Code | Hold | Hold |
| Is Trade Item Orderable | TRUE | FALSE |
| Is Non Sold Trade Item Returnable | FALSE | FALSE |
| Returnable Trade Item End Date | CCYYMMDD | CCYYMMDD |

8. Testing

This section describes the testing criteria for business solutions.

8.1. Pass / Fail Criteria

| No. | Test Criteria | Related Requirement | Design Element | Pass Criteria | Fail Criteria |
|-----|----------------|---------------------|----------------|---------------|---------------|
| 1 | Not Applicable | | | | |

8.2. Test Data

| Attribute | Value |
|---------------------------------|-------------------------|
| mediaFormatCode | MAXI_CD |
| productGenre | CHILDRENS |
| parentalAdvisoryStickerCode | NO |
| CollectionName | B's Best |
| musicPublicationTitle | B Sings the Classics |
| labelName | Tots Tunes |
| ArtsEntertainmentMediaPartyName | B |
| ArtsEntertainmentMediaPartyRole | SINGER |
| digitalizationLevelCode | DDD |
| lastManufacturerUpdateDateItem | 2005-01-10T12:00:01.000 |
| performanceType | Live |
| targetAudience | Children Ages 3 to 5 |
| discNumber | 1 |

9. Appendices

9.1.1. External Code Lists

| Code List Name | Code List Description |
|---------------------------|-----------------------------------------------------------------------------------------------------------|
| ContentDescriptorCodeList | A code that identifies one or several elements in a music publication that may be of interest or concern. |
| Code Name | Code Description |
| EL | Explicit Lyrics |

| Code List Name | Code List Description |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DigitalizationLevelCodeList | A code that indicates the way a record was produced. Three stages are involved in production: recording, editing/mixing and dubbing/transfer. Recording and editing/mixing stages can be analogue or digital. If digital, the stage is coded D. If analogue, the stage is coded A. "ADD" means that the recording was analogue and the editing/mixing was digital. |
| Code Name | Code Description |
| AAD | The record was produced as follows: Recording = analogue, editing/mixing = analogue dubbing/transfer = digital. |
| ADD | The record was produced as follows: Recording = analogue, editing/mixing = digital dubbing/transfer = digital. |
| DDD | The record was produced as follows: Recording = digital, editing/mixing = digital dubbing/transfer = digital. |
| DTS | Digital Theatre Sound |

| Code List Name | Code List Description |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MediaFormatCodeList | The code that identifies the type of media on which the media product is recorded and played as well as technical specifications or structured features for users. |
| Code Name | Code Description |
| 12_INCH_VINYL_SINGLE | |
| 3_INCH_CD_SINGLE | |
| 5_INCH_CD_SINGLE | |
| 5_INCH_CDV | |
| 7_INCH_VINYL_SINGLE | |
| 8_MM | |
| AUDIO_BLANK_TAPE | |
| BETA | |
| BLU_RAY | |
| CASSETTE_FULL_LENGTH | |
| CASSETTE_SINGLE | |
| CD_DVD_AUDIO | |
| CD_DVD_VIDEO | |
| CD_FULL_LENGTH | |
| CD_PLUS_GRAPHICS | |
| CD_ROM_INTERACTIVE | |
| DAT_FULL_LENGTH | |
| DATAPLAY | |
| DC_SACD | |
| DCC_FULL_LENGTH | |
| DIGITAL_RENTAL | |
| DIGITAL_SELL_THROUGH | |
| DVD | |
| DVD_ALBUM | A format that contains the same kind of content delivered on CD/DVD combos but normally on a single disc. This configuration is playable in any DVD player (not CD players) and requires no other special equipment. This configuration can contain the same tracks as the CD, plus optional content that could include some or all of the following: 48khz/24 - bit stereo, high res stereo, surround, high res surround, video, behind the scenes, making of * interviews , lyrics , interactive booklet, portable MP3 audio files, ROM interactive (applications for ring- |

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| | tones), online enablement for post release content updates. |
| HD_DVD | |
| LASERDISC | |
| LP_FULL_LENGTH | |
| MAXI_CASSETTE_SINGLE | |
| MAXI_CD | |
| MINI_DISC_FULL_LENGTH | |
| MVI | Stands for Music Video Interactive and is a DVD loaded with many features that plays in all standard DVD Players, computers, and game consoles with DVD drives. Digital files are compatible with all MP3 devices. Features include: * Full album audio with superior sound quality * Video content * MP3 files of every audio track for easy transfer to a computer or MP3 device * Interactive features to create user content * Digital booklets * Online access to additional artist information * May also contain digital extras including song lyrics, photo galleries, posters, wallpaper, screen savers, buddy icons, etc. |
| RINGLE | This value represents a physical CD with 3 audio tracks (A-side, B-side & Remix) which can also include ringtones and wallpaper. This is a technology feature of the product and is used by consumers in arriving at a buying decision. |
| SACD | |
| UMD | This value represents Universal Media Disc. It is an optical disc medium developed by Sony for use on the PlayStation Portable. It can hold up to 1.8 gigabytes of data, which can include games, movies, music, or a combination thereof. |
| USB | Pre-recorded Media stored on a USB (Universal Serial Bus) flash drive that will interface with any USB capable device. |
| VHS | |
| VIDEO_BLANK_TAPE | |

| Code List Name | Code List Description |
|------------------------------|-----------------------|
| PackagingDescriptionCodeList | |
| Code Name | Code Description |
| 2_PACKS | |
| 3_PACKS | |
| 4 PACKS | |
| 5_PACKS | |
| AMARAY | |
| BELLY_BAN | |

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| BEVELOPE | |
| BLACK_VINYL_MOVIE_BOX | |
| BLISTER_PACK | |
| BOOK_STYLE_SLEEVE | |
| BOX_SET | (box with 2 or more CDs, DVDs, etc) |
| BRILLIANT_BOX | |
| BULLET_CASE | |
| CLAMSHELL | |
| CLEAR_DIGIPACK_ | |
| CLEAR_MASTER_BOX_PACK | |
| CUSTOM_PACKAGE | |
| DIGIPAK | |
| DOUBLE_AMARAY_CASE | |
| DOUBLE_DIGIPACK | |
| DOUBLE_LONG_BOX | |
| DOUBLE_SLEEVE | |
| DOUBLE_WIDTH_2_CD_JEWEL_BOX | |
| DVD_TRAY | (FLP snapper) |
| FLIP_CASE | |
| FOLIO_3_PACK | |
| GATEFOLD_DIGIPACK | |
| GIFT_BOX | |
| JEWEL_CASE | |
| JEWEL_CASE_WITH_O_CARD | |
| LONG_BOX | |
| MODIFIED_CLAM | |
| MOVIE_BOX | |
| NONE | (for bulk shipments) |
| PLUSH_GIFT_SET | |
| SHRINKWRAP | |
| SLEEVE | |
| SLIPCASE | |
| SLIPSLEEVE | |
| SNAPCASE | |
| SPINDLE | |
| TIN | (treasures) |

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| WYNCASE | |
| ON_PACK | |

| Code List Name | Code List Description |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ProductGenreCodeList | The code of the genre of music trade item. The genre is a categorization of the music trade item based upon the content and maintained for marketing and merchandising purposes. |
| Code Name | Code Description |
| ADULT_CONTEMPORARY | |
| BLUES | |
| CHILDREN | |
| CHRISTMAS | |
| CLASSICAL | |
| COUNTRY | |
| DANCE_ELECTRONICA | Also known as Techno. A style of Electronic music that originated in the early-to-mid-1990s in multiple locations including Rotterdam, New York City and Newcastle, Australia. The style is typified by a fast tempo (160-300 beats per minute and up) and the rhythmic use of distorted and atonal industrial-like beats and samples. |
| ETHNIC | |
| FOLK | |
| HARD_ROCK | |
| HIP_HOP_RAP | Hip hop music, also known as rap music, is a style of music which came into existence in the United States during the mid-1970s, and became a large part of modern pop culture during the 1980s. It consists of two main components: rapping (MCing) and DJing (production and scratching). |
| INSTRUMENTAL | |
| JAZZ | |
| LATIN | |
| LATIN_POP | |
| MEXICAN | |
| NEW_AGE | |
| ORIGINAL_CAST_SOUNDTRACKS | |
| REGGAE | |
| RELIGIOUS | |
| RHYTHM_BLUES | Rhythm and Blues (also known as R&B or RnB) is a popular music genre combining jazz, gospel, and blues influences, first performed by African American artists. |

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| SEASONAL | |
| SOFT_ROCK | |
| SPOKEN_WORD | |
| TEJANO | |
| TROPICAL | |
| URBAN | |

10. Summary of Changes

| Change | BSD Version | Associated CR Number |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------------------------------------|
| <ul style="list-style-type: none"> Reverted to candidate attribute design. Added Values RHYTHM_BLUES and DANCE_ELECTRONICA to Product Genre Code List Added MVI to Media Format Code List Added DVD_ALBUM to Media Format Code List Externalised of MediaFormatCode List | 1.0.0 | 07-000171 |
| <ul style="list-style-type: none"> Added value HIP_HOP_RAP to Product Genre Code List. Added UMD and RINGLE to Media Format Code List Updated Media Format code list definition to allow for the inclusion of "features". | 1.0.1 | 07-000106 07-000171 07-000274 07-000318 |
| <ul style="list-style-type: none"> Added USB to the Media Format Code List. | 1.0.2 | 08-000180 |