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DP015 - Distribute Product Information Cross Segment and Variety Packs GDS Context Report

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Change Log

Date of Change	Version	Changed By	Reason for Change	Summary of Change
25-Jun-2013	1.0.0	Mark Van Eeghem	Community Review	Initial draft
28-Aug-2015	3	Mark Van Eeghem	Schema Drop September 2015	See Section Summary Of Changes
May-2016	4	Eric Kauz	3.1.2	See Section Summary Of Changes
27-Jun-2016	5	Mark Van Eeghem	3.1.2 Maintenance Release	See Section Summary Of Changes
11-Aug-2016	6	Mark Van Eeghem	3.1.2 Maintenance Release	See Section Summary Of Changes

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1 Business Domain View

1.1 Business Need

GDSN Major Release 3.1 is contrary to previous releases based on a Modular Item approach. In previous releases all Trading Partner Neutral Information was included in one big string of classes associated with Trade Item. Extensions were created for different areas, allowing inclusion of classes specific to particular areas. (e.g. Audio Visual Photography, Chemical Ingredients, Apparel and Home Fashion, Healthcare and Food and Beverage).

Major Release 3 is the first release of GDSN having multiple specialized contexts. These contexts facilitate the assignment of reusable modules to a specific context. They have been created around specific GPC Segments, Classes and Bricks. It are these GPC elements which define the inclusion of modules into a particular context.

Context documents are not a Business Message Standard, but rather a help in identifying the constituent parts of a given context.

The context documents contain the following elements:

- A list of the GPC Segments, Classes and Bricks defining the specific Context
- A list of the modules assigned to the specific Context
- The Global Data Dictionary (GDD) reports for the included modules
- The Class Diagrams for the included modules
- The list of Validation Rules specific for the specific Context

Please refer to the GDD for detail on specific elements in the Context Documents.

1.2 Objective

To supply the detailed design of the (specific) business information needed to meet the requirements for Data Alignment within the context of:

- Mixed (GPC Bricks belonging to no other context)

1.3 Audience

The audience of this particular contextdocument would be any participant in the global supply chain. This would include retailers, manufacturers, service providers and other third parties.

It is specifically intended for those participants interested in the bricks not belonging to any other context.

1.4 References

Reference Name	Description
[1] BMS Shared Common Library Release 3.1	
[2] Trade Item Library Release 3.1	
[3] BRAD for Major Release GDSN 3.X	
[4] GDD (http://apps.gs1.org/gdd)	

2 Business Context

Context Category	Value(s)
Industry	All
Geopolitical	All
Product	Cross Segment and Variety Packs
Process	Distribute Product Information
System Capabilities	GDSN
Official Constraints	None

3 GPC Bricks included in the DP015 - Distribute Product Information Cross Segment and Variety Packs Context

Link
GPC Bricks Mapping To DP015 Cross Segment And Variety Packs

4 Modules assigned to the DP015 - Distribute Product Information Cross Segment and Variety Packs Context

Module Name	Description	Link
Alcoholic Information Module	A module containing details on products traditionally containing alcohol.	Alcohol Information Module.pdf
Allergen Information Module	A module containing information on allergens for a trade item.	Allergen Information Module.pdf
Animal Feeding Module	A module containing information on animal feeding related trade items.	Animal Feeding Module .pdf
Apparel Information Module	A module containing details specific to apparel trade items.	Apparel Information Module.pdf
Audience Or Player Information Module	Logical grouping of information regarding audience or player information.	Audience Or Player Information Module.pdf
Audio Visual Media Content Information Module	Information on the media included in the package for the purposes of storing the software, games, music, films.	Audio Visual Media Content Information Module.pdf
Audio Visual Media Product Description Information Module	A module containing Information on the genre and content of an entertainment related product (e.g. movies, music) including format and genre.	Audio Visual Media Product Description Module.pdf
Audio Visual Media Production Information Module	Information on the production of the audio, visual or media publication.	Audio Visual Media Production Information Module.pdf
Award Prize Module	A module describing a prize or award won by the product.	Award Prize Module.pdf
Battery Information Module	Battery information for a trade item.	Battery Information Module.pdf
Certification Information Module	A module containing information on certification standards to which the trade item, or the process by which it is manufactured, sourced or supplied complies	Certification Information Module.pdf
Chemical Regulation Information Module	A module containing information on any chemical properties a chemical may have according to a specific regulation for example carcinogen.	Chemical Regulation Information Module.pdf
Consumer Instructions Module	A module contain instructions on how the consumer is to use or store a trade item.	Consumer Instructions Module.pdf
Controlled Substance Module	Information on controlled substances based upon the degree of the substance's medicinal value, harmfulness, and potential for abuse or addiction.	Controlled Substances Module.pdf
Copyright Information Module	A group of data elements which together represent a copyright	Copyright Information Module.pdf

Module Name	Description	Link
	statement for the product. Either the copyright year alone, or a structured copyright statement listing year(s) and copyright holder(s), may be sent	
Dairy Fish Meat Poultry Item Module	A module containing content and processing related information specific to dairy, fish, meat and poultry products.	Dairy Fish Meat Poultry Item Module.pdf
Dangerous Substance Information Module	Details on substances that can harm people, other living organisms, property, or the environment.	Dangerous Substance Information Module.pdf
Delivery Purchasing Information Module	A module containing information on the available ordering, purchasing and delivery for a trade item.	Delivery Purchasing Information Module.pdf
Diet Information Module	Information on whether the product meets the criteria to be classified as suitable for a specific targeted group. Certain groups of consumers are limited in consuming products, depending on the ingredients or preparation style. This can be i.e. due to religious reasons or restriction of diet reasons.	Diet Information Module.pdf
Durable Goods Characteristics Module	A module containing attributes applicable to a broad range of durable goods.	Durable Goods Characteristics Module.pdf
Duty Fee Tax Information Module	A module containing information on a duty, fee or tax which may be applicable to a trade item.	Duty Fee Tax Information Module.pdf
Electronic Device Characteristics Information Module	A module containing technical and other product characteristics for electronic items.	Electronic Device Characteristics Information Module.pdf
Farming And Processing Information Module	Information on any farming or processing performed on and agricultural trade item.	Farming And Processing Information Module.pdf
Food and Beverage Ingredient Module	Information on the constituent ingredient make up of the product.	Food And Beverage Ingredient Module.pdf
Food and Beverage Preparation Serving Module	Information on way the product can be prepared or served.	Food And Beverage Preparation Serving Module.pdf
Food And Beverage Properties Information Module	Information on physiochemical or other properties of food and beverage products.	Food And Beverage Properties Information Module.pdf
Health Related Information Module	A module containing marketing or regulatory information specific to health or safety.	Health Related Information Module.pdf
Health Wellness Packaging Marking Module	Indicates any marking on the packaging of a trade item, including labelling of information related to allergens, suitable diet, safety and ingredients.	Health Wellness Packaging Marking Module.pdf
Healthcare Item Information Module	Information relevant to all classifications of healthcare items.	Healthcare Item Information Module.pdf
Marketing Information Module	Information on a trade item meant to convey features and benefits and targeted customer.	Marketing Information Module.pdf
Medical Device Trade Item Module	A module containing information on medical device trade items.	Medical Device Trade Item Module.pdf
Movie Revenue Information Module	A module containing attributes relating to the revenue of a film.	Movie Revenue Information Module.pdf
Nonfood Ingredient Module	A module providing Information on ingredients for items that are not food for example detergents,	Nonfood Ingredient Module.pdf

Module Name	Description	Link
	medicines.	
NonGTIN Logistics Unit Information Module	A module detailing information on a logistics item without a GTIN.	NonGTIN Logistics Unit Information Module.pdf
Nutritional Information Module	Information about content of nutrients. Multiple sets of nutrient information can be specified with varying state, serving size and daily value intake base.	Nutritional Information Module.pdf
ONIX Publication File Information Module	An extension to the trade item providing books and publication information found in ONIX files.	ONIX Publication File Information Module.pdf
Organism Classification Module	Hierarchical system for grouping and naming types of living organisms.	Organism Classification Module.pdf
Packaging Information Module	Packaging information for a trade item.	Packaging Information Module.pdf
Packaging Marking Module	A module containing details on markings on the packaging of the trade item for example dates, environment.	Packaging Marking Module.pdf
Packaging Sustainability Module	Provides the packaging sustainability module information	Packaging Sustainability Module.pdf
Pharmaceutical Item Information Module	A module containing information on medicinal drugs.	Pharmaceutical Item Information Module.pdf
Physical Resource Usage Information Module	A module containing Information on resource usage for the trade item.	Physical Resource Usage Information Module.pdf
Place of Item Activity Module	Origin and other information for the purposes of customs, marketing, etc.	Place Of Item Activity Module.pdf
Plumbing HVAC Pipe Information Module	A module containing plumbing and HVAC information for a trade item.	Plumbing HVAC Pipe Information Module.pdf
Product Characteristics Module	A module used to express characteristics for a product for example values for a property such as numberOfPhys.	Product Characteristics Module.pdf
Promotional Item Information Module	A module providing details of the type of promotional item.	Promotional Item Information Module.pdf
Propellant Information Module	Information on compressed gas or propellant contained in the trade item.	Propellant Information Module.pdf
Publication Title Rating Module	A module containing information regarding the content viewer maturity rating for an entertainment product.	Publication Title Rating Module.pdf
Referenced File Detail Information Module	Information specifying a link to a file external to the message itself.	Referenced File Detail Information Module.pdf
Regulated Trade Item Module	A module containing Information on applicable government regulations a trade item is in compliance with.	Regulated Trade Item Module.pdf
Safety Data Sheet Module	A module containing safety data sheet or on a material safety data sheet as it is referred to in some target markets.	Safety Data Sheet Module.pdf
Sales Information Module	Sales information regarding price and selling conditions/restrictions of the Trade Item to the consumer.	Sales Information Module.pdf
Security Tag Information Module	Information on any security tags that may come with the trade item.	Security Tag Information Module.pdf
Software System Requirements Module	A Module with details on any required or recommended system	Software System Requirements Module.pdf

Module Name	Description	Link
	capabilities to run the software.	df
Sustainability Module	Properties of the trade item that can affect the ecological or human environment.	Sustainability Module.pdf
Textile Material Module	A module expressing details on the composition of any materials used to make apparel, home furnishings and other similar items.	Textile Material Module.pdf
Trade Item Data Carrier And Identification Module	A module used to convey any data carriers formats on the trade item and any associated GS1 application identifiers	Trade Item Data Carrier And Identification Module .pdf
Trade Item Description Module	A module carrying general descriptions of the trade item including brand, form, variant.	Trade Item Description Module.pdf
Trade Item Disposal Information Module	Information on the disposal of the trade item for the purposes of sustainability.	Trade Item Disposal Information Module .pdf
Trade Item Handling Module	A module containing instructions on the way to treat goods during transport and storage.	Trade Item Handling Module.pdf
Trade Item Hierarchy Module	A module containing information on how the hierarchical structure of a trade item for example number of layers on a pallet.	Trade Item Hierarchy Module.pdf
Trade Item Humidity Information Module	A module containing information on permissible humidity of a trade item during various points of the supply chain.	Trade Item Humidity Information Module.pdf
Trade Item Licensing Module	A module containing licensing information for the trade item.	Trade Item Licensing Module.pdf
Trade Item Lifespan Module	A module containing information on the amount of time the item can or should be used, sold, etc.	Trade Item Lifespan Module.pdf
Trade Item Measurements Module	A module containing measurement information for the trade item.	Trade Item Measurements Module.pdf
Trade Item Size Module	A module specifying the size of an object as a code or a description.	Trade Item Size Module.pdf
Trade Item Temperature Information Module	A module containing information on permissible temperature of a trade item during various points of the supply chain	Trade Item Temperature Information Module.pdf
Transportation Hazardous Classification Module	A module containing information on hazardous information typically based on a specific mode of transportation as regulated by an agency for example ADR, IATA, DOT, IMDG.	Transportation Hazardous Classification Module.pdf
Variable Trade Item Information Module	A module with information specific to variable weight or dimension trade items.	Variable Trade Item Information Module .pdf
Video Display Device Information Module	A module containing Information of the capabilities of a trade item that displays visual images for example a television or a computer monitor.	Video Display Device Information Module.pdf
Warranty Information Module	An assurance that the trade item is reliable and that repairs or replacement will be done free of charge within a given time limit and under certain conditions in the event of a defect.	Warranty Information Module.pdf

5 Enumerations and Code Lists referenced in the DP015 - Distribute Product Information Cross Segment and Variety Packs Context

5.1 External Code Lists

Relevant external code lists can be found at the following link:

[GDSN Code List BMS](#)

6 Validation Rules specific to the DP015 - Distribute Product Information Cross Segment and Variety Packs Context

Validation Rule Groupings	Link
Validations for All Product Contexts	GDSN Validation Rules All
Validation Rules specific to the DP015 - Distribute Product Information Cross Segment and Variety Packs Context	N/A

7 Appendices

8 Summary of Changes

Change	Report Version	Associated WR Number
Initial draft	1.0.0	
<ul style="list-style-type: none"> Changed in title of 3.1 classes included to bricks included. 	3	
<ul style="list-style-type: none"> Updated links, added Trade Item Licensing Module 	4	
<ul style="list-style-type: none"> Updated issue number from 4 to 5 Updated Document date from May to July 2016 Removed the list of included bricks in the context from section 3, and moved them into a separate Excel spreadsheet. Inserted a hyperlink in section 3 to the Excel spreadsheet containing the full list of GPC Bricks included in this context. Updated hyperlink for the Validation Rules document for 3.1.2 	5	
<ul style="list-style-type: none"> Updated hyperlink for GPC Mapping (section 3) from "GPC_Bricks_Belonging_To_GDSN_Context_Cross_Segment_i3p1p2" to "GPC_Bricks_Mapping_To_DP015_Cross_Segment_And_Variety_Packs" Renamed context name to correct code list value (both in title and section headings) 	6	