Business Message Standard (BMS) Order Response

BMS Release: 2.3.0, BRG Name: eCom

Issue 0.2.2, 25-May-2007

Document Summary

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Change Request Reference

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20070125	Rob Heather, GS1 UK	07-000026
20070125	Rob Heather, GS1 UK	07-000027
20070125	Rob Heather, GS1 UK	07-000031
20050131	IRT Upstream Standard	05-000023
20031030	Unilever on behalf of OFSCI (Foodservice Supply Chain Initiative)	03-000145

Business Requirements Document (BRAD) Reference

BRAD Title:	BRD Date:	BRAD Version
BRAD Order Response Document and Reason Code	20070314	BRAD Version 0.0.2
BRD for UK Food Service Ordering	20041124	BRAD Version 0.8
BRAD for Upstream Standards Demand & Supply Signals	20041101	BRAD Version 0.1.0
BRAD for Upstream Standards Demand & Supply Signals	20050407	BMS Release Version 2.0.2 and BMS Document Version 0.1.13

Document Change History

Date of Change	Version	Changed By	Reason for Change	Summary of Change	Model Build #
20050120	0.1.0	John Ryu	Initial Draft	Initial Draft	5621
20050203	0.1.1	Maria Victoria Caro	Adjustments on the text according to comments received on teleconference 20040126		
20050215	0.1.2	John Ryu	Submit for Public Review Needed definitions and GDD platform needs to be updated.	View Summary of Changes section 1.10	Model P4CL: 5778 BSD P4CL: 5779
20050318	0.1.3	Maria Victoria Caro	Adjustments on the text according to resolutions on the comments received during the public review. Closed and approved initial 14 comments.	View Summary of Changes section 1.10	
20050330	0.1.4	Maria Victoria Caro	Adjustments on the text according to resolutions on the comments received during the public review. Remain comments.	View Summary of Changes section 1.10	BSD P4CL: 6346
20050406	0.1.5	John Ryu	Incorporation of Public Review Comments	Activity Diagram 1.3.4 Removed reference to ARA. Class Diagram 1.5.3 Fixed typos in notes resposneStatus - s/b responseStatus ammended value - s/b amended value Modificaiton - s/b Modification Changed association from the detail level to the header level Before: OrderModificationLineItemLevel ASSOCIATES OrderLogisticalDateGroup After : OrderModification ASSOCIATES OrderLogisticalDateGroup In common library added creationDateTime: DateTime in the ResponseDocument class. Pasted GDD Platform into section 1.5.2 Added new business examples in section 1.6 Added new test data in section 1.8.2	MDL P4CL: 6352 BSD P4CL: 6359

Date of Change	Version	Changed By	Reason for Change	Summary of Change	Model Build #
20050531	0.1.6	John Ryu	Incorporation of ITRG comments	Referenced common library version in BSD. Added another business document example in section 1.6 and inserted new definition for substitute Item Identification as "Identifies the original GTIN of the substituted item." Updated Data Description and GDD to reflect ITRG comments.	BSD P4CL: 6739
20051208	0.1.7	John Ryu	Updated for BMS 2.1 Release	Noted in section 1.10	BSD P4: 7970
20070403	0.2.0	John Ryu	Incorporation of CR 07-26/27/31 Incorporate Peer Review eCom BRG motioned for TSD development	Changes noted in section 10	MDL P4CL: 9114 BSD P4CL: 9154
20070412	0.2.1	John Ryu	Post for public review	Updated document to BMS template version 1.8	BSD P4CL: 9227
20070525	0.2.2	John Ryu	eBallot Approved on 20070525	Updated BMS to Approved	BSD P4CL: 9460

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1. Business Domain View

1.1. Problem Statement / Business Need

The Order Response provides the ability for a supplier to respond to an order previously sent by the buyer.

The Order Response allows the seller to inform:

- The acceptance of the entire order as transmitted or
- The acceptance of the order with modifications on items (substitutes), quantities, prices and or dates.
- The rejection of the entire order.

1.2. Objective

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

1.3. Audience

The audience for this document is the global business community and the senders/receivers of purchase orders, changes to purchase orders, and responses.

1.4. References

Reference Number	Reference Name	Description
Ref 1	BMS Common Library	BMS Release Version 2.3
Ref 2	BRD OFSCI Order	BRD Version 1.0
Ref 3	BRD Order Receipt Acknowledgement	BRD Version 0.3
Ref 4	BMS Application Receipt Acknowledgement	BMS Version 2.0.2

1.5. Acknowledgements

1.5.1. BRG Work Group

Function	Name	Company / organisation
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BRG Work Group Member	Marilyn DODD	3M

Function	Name	Company / organisation
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BRG Work Group Member	Chris EMMENT	Compass Services
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BRG Work Group Member	Don FLINT	CHEP
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BRG Work Group Member	Fred KEMPKES	Unilever
BRG Work Group Member	Rita LAUR	GS1 Canada
BRG Work Group Member	Bill LOHSE	Data Tronics
BRG Work Group Member	Ana Paula MANIERO	GS1 Brazil
BRG Work Group Member	Eric MAREE	Accenture
BRG Work Group Member	Shanda MARVIN	Procter & Gamble
BRG Work Group Member	James MORRISON	Whirlpool
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BRG Work Group Member	Frank NAPOLI	LMI
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BRG Work Group Member	Steve ROSENBERG	GS1 US
BRG Work Group Member	Kazuya SATO	GS1 Japan
BRG Work Group Member	Jon SHARRATT	Target
BRG Work Group Member	Andy SIOW	GS1 Singapore
BRG Work Group Member	Tan Jin SOON	GS1 Singapore
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BRG Work Group Member	Jacques VERMEULEN	GS1 Netherlands
BRG Work Group Member	Chi YANG	UPS

1.5.2. Design Team Members

Function	Name	Organisation
Modeler	John RYU	GS1
XML Technical Designer	Dipan ANARKAT	GS1
EANCOM Technical Designer	Not Applicable	Not Applicable
Peer Reviewer	Eric KAUZ	GS1

2. Business Context

Context Category	Value(s)
Industry	All
Geopolitical	Global
Product	All
Process	Order
System Capabilities	All
Official Constraints	None

3. Additional Technical Requirements Analysis

This section documents the analysis of additional technical requirements.
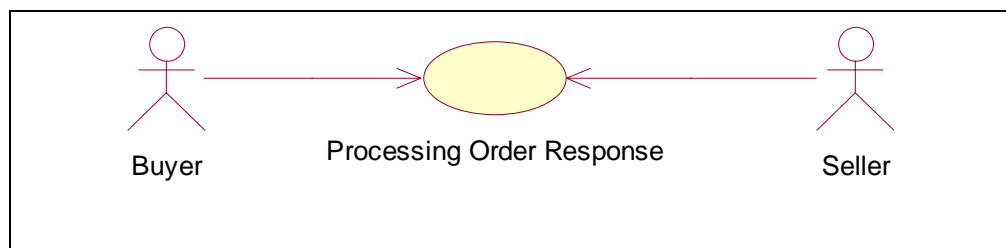
3.1. Technical Requirements (optional)

Number	Statement	Rationale
	No Technical Requirements	

4. Business Transaction View

4.1. Business Transaction Use Case Diagram

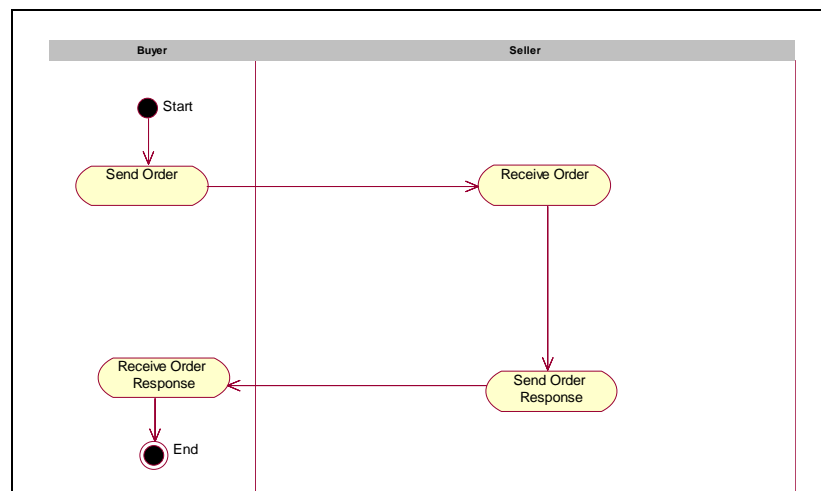**Figure 4-1** Processing Order Response Use Case Diagram

4.2. Use Case Description

Use Case ID	UC-1
Use Case Name	**Processing Order Response**
Use Case Description	The seller needs to inform the buyer about the: ■ Acceptance of the entire order as transmitted. ■ The acceptance of the order with modifications on items (substitutes), quantities, prices and/or dates with modification reason. ■ Rejection of the entire order with rejection reason.
Actors (Goal)	Buyer (Process Order Response) Seller (Process Order Response)
Performance Goals	None
Preconditions	The following information should be pre aligned: ■ Master Data Alignment ■ A trading partner agreement is in place that identifies pre-agreed product substitution. ■ A trading partner agreement may exist regarding Response Receipt Lead Time: The agreed on time that is allowed to elapse between when a Buyer sent an Order to the Seller and the Seller is to send an Order Response. to the Buyer ■ The Seller has received the Order from the Buyer
Post conditions	■ Acceptance of the entire order as transmitted : 　o Buyer – Knows that the order has been accepted and has received an Order Response 　o Seller – Has agreed to fulfil the order in full. ■ Acceptance of the order with modifications : 　o Buyer – Knows that the order has been accepted and has received an Order Response. 　o Seller – Has agreed to fulfil the order with modifications on items (substitutes), quantities, prices and/or dates with modification reason. ■ Rejection of the entire order. 　o Buyer – Knows that the order has been rejected and has received an Order Response 　o Seller – Has rejected the order in full with rejection reason.
Scenario	**Begins when** the seller receives an order from the buyer **Continues with**...

Step #	Actor	Activity Step
1	Seller	Decides to accept the order with no modifications
2	Seller	If not, the Seller decides: ■ to accept the order with modifications on items (substitutes), quantities, prices and/or dates with modification reason ■ whether to reject the entire order with rejection reason
3	Seller	Sends an Order Response

Ends when the buyer has received the order response from the seller.

Alternative Scenario	Step #	Actor	Activity Step
	1		None

Related Requirements	*None*		

Related Rules	1	If the order is accepted as transmitted, there is no item level information needed in the order response. The response status submitted within the order response must be ACCEPTED.
	2	If the order is accepted with modifications on the item level, only the changed items need to be included in the order response. For each changed item, all product attributes, not only the changed ones, have to be transmitted in the order response. A reference to the line number in the original order must be used. If a substitute article with a new GTIN is used, the GTIN of the original article is indicated in the substituteTradeItemClass. The response status within the order response must be MODIFIED, and the seller may provide the modification reason.
	3	If the order is accepted with modifications in the orderLogisticalDateGroup, the whole group including all attributes, not only the changed ones, must be transmitted in the order response. The response status within the order response must be MODIFIED, and the seller may provide the modification reason..
	4	In the case of substitutions, the order line will be returned with the product identification associated with the substituted item, quantity and the original line number. This will detail the new product and quantity based on the agreed substitution rules (as per trading partner agreement)
	5	If the order is rejected, there is no item level information needed in the order response. The response status submitted within the order response must be REJECTED, and the seller may provide the rejection reason.

4.3.   Business Transaction Activity Diagram(s)

4.4.   Business Transaction Sequence Diagram(s)

No Sequence Diagram

5.   Information Model (Including GDD Report)

5.1.   GDD Report

Table 5-1 Extracted From GDD Version 2.3

Class (ABIE)	Attribute (BBIE)	Association (ASBIE)	Secondary Class	Definition	Multi plicity	Data Type Components	Related Requirements
OrderModification				Contains the modifications on items (substitutes), quantities, prices and/or dates of the original order.			
		amendedDateTimeValue	OrderLogistical DateGroup	Contains the modifications on dates or date ranges of the original order.	0..1		BRD for UK Food Service Ordering BRD Version 0.8 and BRAD for Upstream Standards Demand & Supply Signals Version 0.1.0
		None	OrderModificationLineItemLevel	Contains the modifications per line item on items (substitutes), quantities, prices of the original order.	0..*		BRD for UK Food Service Ordering BRD Version 0.8 and BRAD for Upstream Standards Demand & Supply Signals Version 0.1.0
OrderModificationLineItemLevel				Contains the modifications per line item on items (substitutes), quantities, prices and/or of the original order			
	orderResponseReasonCode			Order Response Reason Code is defined as the code identifying the reason for the order response rejection or modification.	0..*	ErrorOrWarningList	BR# 2 BRAD Order Response Document and Reason Code Version 0.0.2
		modifiedOrderInformation	SimpleOrderLineItem	Contains the modifications per line item on quantities or prices of the original order.	1..1		BRD for UK Food Service Ordering BRD Version 0.8 and BRAD for Upstream Standards Demand & Supply Signals Version 0.1.0

Class (ABIE)	Attribute (BBIE)	Association (ASBIE)	Secondary Class	Definition	Multi plicity	Data Type Components	Related Requirements
		substituteItemId entification	TradeItemIdentif ication	Identifies the substitute with the Global Trade Item Number.	0..1		BRD for UK Food Service Ordering BRD Version 0.8 and BRAD for Upstream Standards Demand & Supply Signals Version 0.1.0
OrderResponse				Provides the ability for a supplier to respond to an order previously sent by the buyer.			
	orderResponse ReasonCode			Order Response Reason Code is defined as the code identifying the reason for the order response rejection or modification.	0..*	ErrorOrWarni ngList	BR# 1 BRAD Order Response Document and Reason Code Version 0.0.2
		None	OrderModificati on	Contains the modifications on items (substitutes), quantities, prices and/or dates of the original order.	0..1		BRD for UK Food Service Ordering BRD Version 0.8 and BRAD for Upstream Standards Demand & Supply Signals Version 0.1.0
		buyer	PartyIdentificati on	Identifies the Party to which merchandise is sold.	1..1		BRD for UK Food Service Ordering BRD Version 0.8 and BRAD for Upstream Standards Demand & Supply Signals Version 0.1.0
		seller	PartyIdentificati on	Identifies the Party, which sells products or services to a buyer.	1..1		BRD for UK Food Service Ordering BRD Version 0.8 and BRAD for Upstream Standards Demand & Supply Signals Version 0.1.0

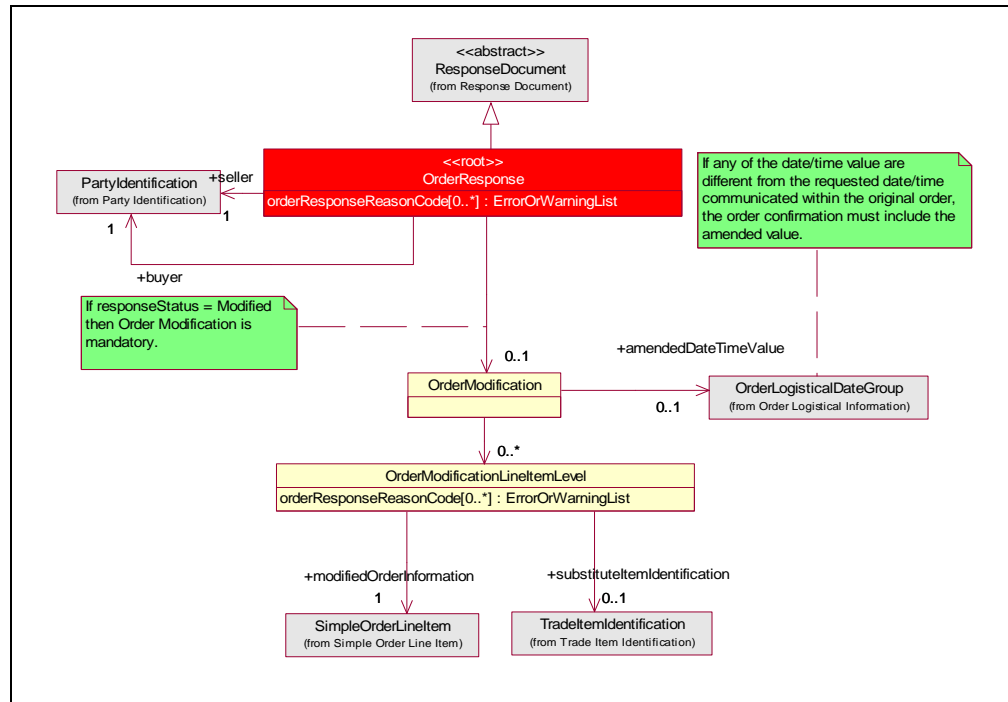| Class (ABIE)	Attribute (BBIE)	Association (ASBIE)	Secondary Class	Definition	Multiplicity	Data Type Components	Related Requirements
		None	ResponseDocument	Specifies the type of response and the information of the referenced document	1..1		BRD for UK Food Service Ordering BRD Version 0.8 and BRAD for Upstream Standards Demand & Supply Signals Version 0.1.0

Table 5-2 Extracted From GDD Version 2.3

Class (ABIE)	Attribute (BBIE)	Association (ASBIE)	Secondary Class	Definition	Multiplicity	Data Type Components	Related Requirements
ReferenceDocument				Contains the identification and date of the document referenced.			
	referenceDateTime			Provides the date and optional time for referenced document.	0..1	Date Time. Content Date Time. Format. Text	
	referenceDocumentType			Unique type of document referenced.	1..1	Numeric. Content Numeric. Format. Text	
	referenceIdentification			Unique identification of the document referenced.	1..1	Numeric. Content Numeric. Format. Text	
ResponseDocument				Specifies the type of response and the information of the referenced document.			
	responseStatusType			Unique type of response to a document referenced.	1..1	Code. Content Code List. Agency. Identifier Code List. Agency Name. Text	

Class (ABIE)	Attribute (BBIE)	Association (ASBIE)	Secondary Class	Definition	Multi plicity	Data Type Components	Related Requirements
		None	Document	Identifies the document structure of the message.	1.1		BR# 3 BRAD Order Response Document and Reason Code Version 0.0.2
		responseIdentifi cation	EntityIdentificati on	The identification of the response document.	1..1		
		responseToOrig inalDocument	ReferenceDocu ment	Contains the identification and date of the original document referenced.	1..1		

5.2. Class Diagrams
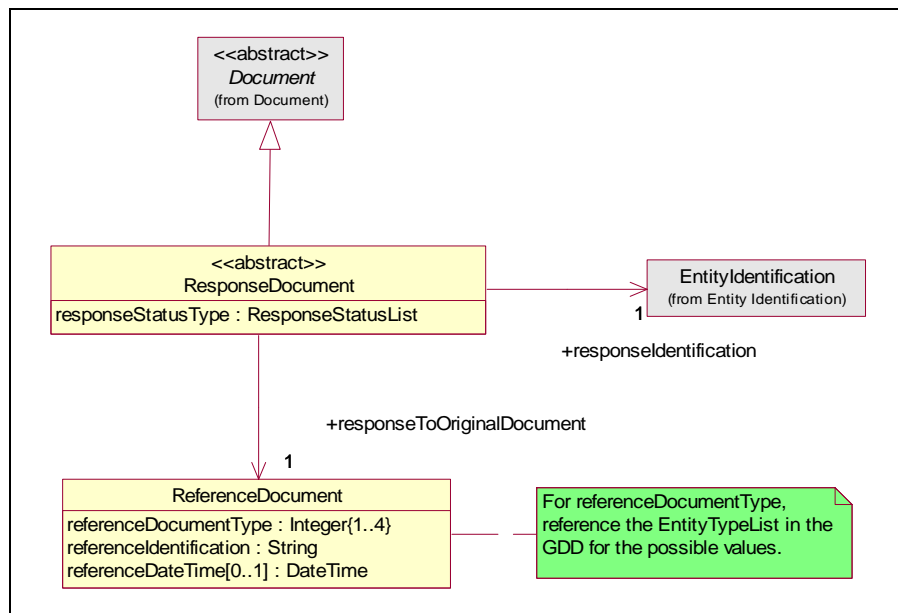
5.2.1. Order Response

Figure 5-1 Order Response

5.2.2. Response Document

Updated in Common Library Version 2.3

Figure 5-2 Response Document Class Diagram

5.3. Code Lists

Error Or Warning List: Provides the list of error or warning available in the GS1 Application Receipt Acknowledgement Processing.

CodeValue	CodeDefinition
APPLICATION_ROUTING_ERROR	Application Routing Error
BUSINESS_SCOPE_BLOCK	Indicates the type of scope, the identifiers for the scope, other supporting information and the scope content itself.
CODE_NOT_MAPPED_TO_APPLICATION	Code Not Mapped to Application.
CUSTOMER_IDENTIFICATION_NUMBER_AND_ENTITY_NAME_ DO_NOT_MATCH	Customer Identification Number and Entity Name Do not match
CUSTOMER_IDENTIFICATION_NUMBER_DOES_NOT_EXIST	Customer Identification Number Does not Exist
CUSTOMER_IDENTIFICATION_NUMBER_IS_INVALID	Customer Identification Number is Invalid
CUSTOMER_IDENTIFICATION_NUMBER_IS_MISSING	Customer Identification Number Is Missing
DELIVERY_SLOT_MISSED	Latest time to place order exceeded therefore slot not available.
DELIVERY_SLOT_NOT_VALID_FOR_LOCATION	Requested delivery time slot not valid for that ship to location.
DISCONTINUED_LINE	To cease making or manufacturing
DOCUMENT_ENCLOSED_IN_THE_FIRST_TRANSMISSION	Documents enclosed in the first transmission
DOCUMENT_ENCLOSED_IN_THE_SECOND_TRANSMISSION	Documents enclosed in the second transmission
DOCUMENT_NOT_ATTACHED	Document not attached

CodeValue	CodeDefinition
DOCUMENT_NOT_AVAILABLE	Document not available.
DOCUMENT_NOT_REQUIRED_WAIVER_ISSUED	Document not required, waiver issued.
DUPLICATE	Duplicate
GAP_IN_TIME_PERIOD	Expected adjacent, non-overlapping weekly samples but got non-adjacent weekly samples.
INCOMPLETE_MESSAGE	Incomplete Message
INCORRECT_DATE	Incorrect Date
INSTANCE_IDENTIFIER	Descriptor which contains reference information which uniquely identifies this instance of the SBD between the sender and the receiver
INVALID_BUSINESS_PROCESS_CURRENT_STATUS_CODE	Invalid Business Process Current Status Code
INVALID_BUYER_EVENT_IDENTIFICATION	As a result of an acknowledgement, change, or change in status; the 'buyer' Event ID does not exist
INVALID_BUYER_IDENTIFICATION	Buyer (Trading Partner Identification) is invalid.
INVALID_BUYER_LOCATION_GROUP_IDENTIFICATION	Invalid buyer group location Identification
INVALID_BUYER_LOCATION_IDENTIFICATION	Invalid buyer location identification number
INVALID_DATE	Invalid date
INVALID_PRODUCT_BUYER_GROUP_IDENTIFICATION	Product / Item Buyer Group Identification Number does not exist.
INVALID_PRODUCT_OR_ITEM_IDENTIFICATION	Product / Item Number does not exist
INVALID_PRODUCT_SELLER_GROUP_IDENTIFICATION	Product / Item Seller Group Identification Number does not exist.
INVALID_SELLER_EVENT_IDENTIFICATION	As a result of an acknowledgement, change, or change in status; the 'seller' Event ID does not exist
INVALID_SELLER_IDENTIFICATION	Seller (Trading Partner Identification) is invalid.
INVALID_SELLER_LOCATION_GROUP_IDENTIFICATION	Invalid seller group location Identification
INVALID_SELLER_LOCATION_IDENTIFICATION	Invalid seller location identification number
INVALID_STATUS_TRANSITION	The Status of this Event has changed and does not follow the acceptable status change life cycle.
INVALID_TIME_PERIOD	Example: Expected weekly forecast and received monthly
ITEM_MARKED_FOR_DELETE	Item Marked For Delete.
ITEM_NOT_AUTHORIZED	Item Not Authorized.
ITEM_TEMPORARILY_NOT_AVAILABLE	Item temporarily not available.
MANIFEST_BLOCK	A flag to indicate that there is more than one type of Document in the instance.
MESSAGE_UNDER_DEVELOPMENT	Message under development.
MISSING_CODE_FOR_APPLICATION	Missing Code for Application
MISSING_DATA	Missing Data.
MISSING_EFFECTIVE_MESSAGE_DATE	Missing Effective Message Date
MISSING_IDENTIFICATION_CODE	Missing Identification Code

CodeValue	CodeDefinition
MISSING_MESSAGE_REFERENCE_NUMBER	Missing Message Reference Number
MISSING_OR_INVALID_DUNS_NUMBER	Missing or Invalid DUNS Number
MISSING_OR_INVALID_LOCATION	Missing or Invalid Location
MISSING_OR_INVALID_MESSAGE_CODE	Missing or Invalid Message Code
MISSING_OR_INVALID_SCAC	Missing or Invalid SCAC
MISSING_OR_INVALID_UPC_CODE	Missing or Invalid U.P.C. Code
OTHER_UNLISTED_REASON	Other Unlisted Reason
OVERLAPPING_TIME_PERIOD	Expected adjacent, non-overlapping weekly samples, but got overlapping weekly samples.
PARTICIPATING_LOCATION	Number of Participating Locations does not equal the number of Locations communicated in the detail.
PARTICIPATION_PERCENT	Percent of all participating locations
PRODUCT_NOT_VALID_FOR_LOCATION	Requested product not valid for that ship to location.
PRODUCT_OUT_OF_STOCK	Product out of stock.
RECEIVED_AFTER_CUTOFF_DATE_OR_TIME	Received After Cutoff Date or Time
SENDER_NOT_AUTHORIZED_FOR_THIS_MESSAGE	Sender Not Authorized for this message
STANDARD_BUSINESS_DOCUMENT_STANDARD_TYPE	Originator of the type of the Business Data standard, e.g. SWIFT, OAG, used.
TO_ARRIVE_BY_SEPARATE_XML_MESSAGE	To arrive by separate XML message
TYPE	A logical indicator representing the type of Business Data being sent or the named type of business data.
TYPE_VERSION	(Standard Business Document. Standard Type Version. Identifier): Descriptor which contains versioning information or number of the standard that defines the document which is specified in the 'Type' data element, e.g. D.96A.
UNAUTHORIZED_BUSINESS_PROCESS_STATE	Unauthorized Business Process State code.
UNAUTHORIZED_BUSINESS_SERVICE_ACTION_CODE	Unauthorized Business Service Action Code.

6. Business Document Example

6.1. Example A

A seller identified by the GS1 Global Location Number 4098765000010 has received an order from the buyer identified by the GS1 Global Location Number 5412345000013 and is sending his response.

The identification of the order received is PO02109 on 3rd of November 2003 and was requested to be delivered on the 10th of November 2003.

The buyer ordered the following:

GS1 Global Trade Item Number (GTIN)	Quantity
4098765000027	48
4098765000034	24

The seller has modified the order. It will be delivered the 10th of November 2003; however, the quantity available for the trade item identified with the GS1 Global Number (GTIN) 4098765000027 is 40 because out of stock. The Order Response identification is: OR 002508 and it is created on November 4th 2003 at 10:00 AM.

6.2. Example B

A seller identified by the GS1 Global Location Number 4098765000010 has received an order (PO022214) from the buyer identified by the GS1 Global Location Number 5412345000013 and is sending his response: Acceptance of the entire order as transmitted

The Order Response identification is: OR 002760 and it is created on February 10th 2004 at 8:00 AM.

6.3. Example C

A seller identified by the GS1 Global Location Number 4098765000010 has received an order (PO09873) from the buyer identified by the GS1 Global Location Number 5412345000013 and is sending his response: Rejection of the entire order. The reason for rejection is product was discontinued.

The Order Response identification is: OR 003895 and it is created on April 3rd 2004 at 11::00 AM.

6.4. Example D

A seller identified by the GS1 Global Location Number 4098765000010 has received an order from the buyer identified by the GS1 Global Location Number 5412345000013 and is sending his response.

The identification of the order received is PO0825 on 12th of September 2004 and was requested to be delivered on the 30th of September 2004.

The buyer ordered the following:

GS1 Global Trade Item Number (GTIN)	Quantity
4098765000133	36
4098765000089	24

The seller has accepted the order. However, the trade item identified with the GS1 Global Number (GTIN) 4098765000133 is not available and it will be substituted with the trade item identified with the GS1 Global Number (GTIN) 4098765000348. The reason for modification is product is out of stock.

The Order Response identification is: OR 1211 and it is created on September 15th 2004 at 08:00 AM.

7. Implementation Considerations

No Implementation Consideration.

8. Testing

This section describes the testing criteria for business solutions.

8.1. Pass / Fail Criteria

None

8.2. Test Data

8.2.1. Example A

OrderResponse	
ResponseDocument	
responseStatusType	MODIFIED
creationDateTime	2003 – 11 -04 10:00
documentStatus	ORIGINAL
Response Identification – Entity Identification	
Unique Creator Identification	OR 002508
Content Owner	4098765000010
Response to Original Document - Reference Document	
Reference Document Type	35
Reference Identification	PO02109
Reference Date Time	2003-11-03
Party Information	
Seller (GLN)	4098765000010
Buyer (GLN)	5412345000013
Order Modification	
Order Logistical Date Group	
Requested Delivery Date– Logistical Date	
Date	2003 -11- 10
Order Modification Line Item Level	
orderResponseReasonCode	PRODUCT_OUT_OF_STOCK
Modified Order Information – Simple Order Line	
Line Item	1
Trade Item Identification (GTIN)	4098765000027
Requested Quantity	40

8.2.2. Example B

OrderResponse	
Response Document	
Response Status Type	ACCEPTED
Creation Date Time	2004 – 02 -10 08:00
documentStatus	ORIGINAL
Response Identification – Entity Identification	
Response Identification – Entity Identification	
Unique Creator Identification	OR 002760
Content Owner	4098765000010
Response to Original Document - Reference Document	
Reference Document Type	35
Reference Identification	PO022214
Party Information	
Seller (GLN)	4098765000010
Buyer (GLN)	5412345000013

8.2.3. Example C

OrderResponse	
Response Document	
Response Status Type	REJECTED
Creation Date Time	2004 – 04 -03 11:00
documentStatus	ORIGINAL
orderResponseReasonCode	DISCONTINUED_LINE
Response Identification – Entity Identification	
Unique Creator Identification	OR 003895
Content Owner	4098765000010
Response to Original Document - Reference Document	
Reference Document Type	35
Reference Identification	PO09873
Party Information	
Seller (GLN)	4098765000010
Buyer (GLN)	5412345000013

8.2.4. Example D

OrderResponse	
Document	
creationDateTime	2004 – 09 -15 08:00
documentStatus	ORIGINAL
ResponseDocument	
responseStatusType	MODIFIED
ReferenceDocument (+responseToOriginalDocument)	
referenceDocumentType	35
referenceIdentification	PO0825
EntityIdentification (+responseIdentification)	
uniqueCreatorIdentification	PO0222
PartyIdentification (+contentOwner)	
gLN	7594567000014
Party IIdentification	
Seller (GLN)	4098765000010
Buyer (GLN)	5412345000013
Order Modification	
Order Modification Line Item Level	
orderResponseReasonCode	PRODUCT_OUT_OF_STOCK
Modified Order Information – Simple Order Line	
Line Item	1
Trade Item Identification (GTIN)	4098765000348
Requested Quantity	36
Substitute Item Identification – Trade Item Identification	
Trade Item Identification (GTIN)	4098765000133

9.   Appendices

None

10. Summary of Changes

Change	BSD Version	Associated CR Number
Initial Draft	V 0.1.0	CR 03-145
Created ResponseDocument class which includes. ResponseStatusType ResponseIdentification Information on (responseToOriginalDocument) ReferenceDocumentType ReferenceIdentification ReferenceDateTime[0..1] Updated activity and use case diagram to reflect change in BSD title.	V0.1.2	
Update text according to the resolution on the first 14 comments received during the public review period: - Clarification on possible modifications - Typos :- Better wording in Use Case Description - Include Related Rules information in the Use Case Description.	V 0.1.3	
Update text according to the resolution on the rest of comments received during the public review period: - Population GDD definitions - Updates in the business examples and test data	V.0.1.4	
Updated documentation to reflect the BMS Version 2.1 publication release.	V 0.1.7	

Change	BSD Version	Associated CR Number
Class Diagram: **OrderResponse** Added attribute orderResponseReasonCode[0..*]:ErrorOrWarningList OrderModificationLineItemLevel Added attribute orderResponseReasonCode[0..*]:ErrorOrWarningList ResponseDocument Removed attribute creationDateTime:DateTime Added gerneralisation to Document ErrorOrWarningList Added PRODUCT_OUT_OF_STOCK ITEM_TEMPORARILY_NOT_AVAILABLE DELIVERY_SLOT_MISSED DELIVERY_SLOT_NOT_VALID_FOR_LOCATION PRODUCT_NOT_VALID_FOR_LOCATION DISCONTINUED_LINE	0.2.0	CR 07-00026/27/31
Update to BMS template Version 1.8	0.2.1	