



The Global Language of Business

Goods Requirements Response Business Message Standard (BMS)

Release 3.6, Ratified, Mar 2023



Document Summary

Document Item	Current Value
Document Name	Goods Requirements Response Business Message Standard (BMS)
Document Date	Mar 2023
Document Version	3.6
Document Issue	1
Document Status	Ratified

Work Request Reference

Date of WR Submission to GSMP:	WR Submitter(s):	Refer to Work Request (WR) Number(s):
20-Aug-2008	GS1 GO	08-000209
05-Nov-2004	GS1 GO	04-000211
25-Jun-2014	GS1 GO	14-000110
12-Jul-2016	GS1 GO	16-000340
03-Oct-2018	GS1 GO	18-000319

Business Requirements Document (BRAD) Reference

BRAD Title	BRAD Issue Date	BRAD Version
BRAD Upstream Standards – Demand & Supply Signals	01-Nov-2004	0.1.0

Document Change History

Date of Change	Version	Changed By	Reason for Change	Summary of Change
12-Jan-2012	BMS 3.0 – Issue 1	Mark Van Eeghem	BMS Release 3.0	See summary of changes
01-May-2013	BMS 3.1 – Issue 1	Coen Janssen	BMS Release 3.1	See summary of changes
15-Sep-2014	BMS 3.2 – Issue 1	Ewa Iwicka	BMS Release 3.2	See summary of changes
01-Mar-2017	BMS 3.3 – Issue 1	Ewa Iwicka	BMS Release 3.3	See summary of changes
15-Oct-2018	BMS 3.4 – Issue 1	Ewa Iwicka	BMS Release 3.4	See summary of changes
04-Feb-2021	BMS 3.5 – Issue 1	Miklos Bolyky	BMS Release 3.5	See summary of changes
05-Jan-2022	BMS 3.5.1 – Issue 1	Miklos Bolyky	BMS Release 3.5.1	See summary of changes
01-Mar-2023	BMS 3.6 – Issue 1	Miklos Bolyky	BMS Release 3.6	See summary of changes



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1 Business Domain View

1.1 Introduction

Message Definition

Goods Requirements Response message enables the responding party to communicate the acceptance of the Goods Requirements transaction.

Principles

Not applicable

1.2 References

	Reference Name	Description
[Ref1]	BMS eCom Domain Common Library 3.6	The documented design of components that are used in multiple messages within the eCom Domain
[Ref2]	BMS Shared Common Library 3.6	The documented design of components that are used in both the eCom Domain and GDSN
[Ref3]	BRAD Upstream Standards - Demand & Supply Signals 0.1.0	

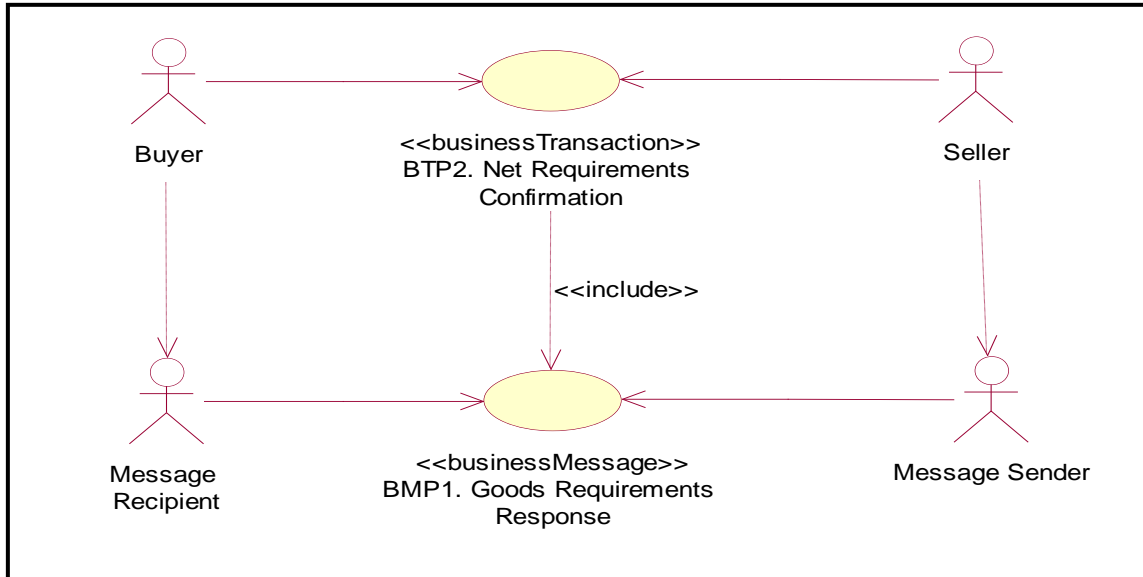
2 Business Context

Context Category	Value(s)
Industry	All
Geopolitical	All
Product	All
Process	Plan
System Capabilities	GS1 System
Official Constraints	None

3 Business Transaction View

3.1 Business Transaction – Net Requirements Confirmation

Use Case Diagram



Use Case Description

Use Case ID	BTP2									
Use Case Name	Net Requirements Confirmation									
Use Case Description	The seller confirms that he accepts and will process the net requirements he received from the buyer.									
Actors (Goal)	Buyer: To ensure that the net requirements are processed. Seller: To communicate that he will process the net requirements.									
Performance Goals										
Preconditions	Net Requirements: COMMUNICATED									
Post conditions	Net Requirements: ACCEPTED									
Scenario	<p>Begins when: Seller receives the Net Requirements from the Buyer.</p> <p>Continues with:</p> <table border="1"> <thead> <tr> <th>Step #</th> <th>Actor</th> <th>Activity Step</th> </tr> </thead> <tbody> <tr> <td></td> <td>Seller</td> <td>Sends Goods Requirements Response message to the Buyer.</td> </tr> <tr> <td></td> <td>Buyer</td> <td>Receives Goods Requirements Response</td> </tr> </tbody> </table> <p>Ends when: buyer receives the Goods Requirements Response</p>	Step #	Actor	Activity Step		Seller	Sends Goods Requirements Response message to the Buyer.		Buyer	Receives Goods Requirements Response
Step #	Actor	Activity Step								
	Seller	Sends Goods Requirements Response message to the Buyer.								
	Buyer	Receives Goods Requirements Response								
Alternative Scenario	<i>(any alternatives to the above scenario)</i> Not Applicable									

Activity Diagram(s)

Not Applicable

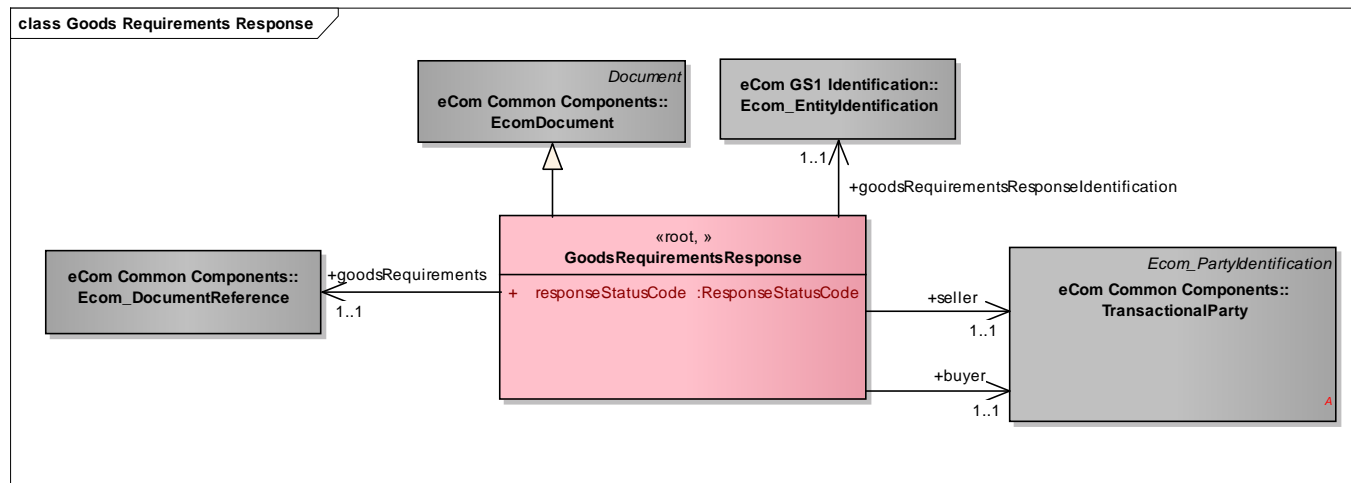
Sequence Diagram(s)

Not Applicable

4 Business Information View

4.1 Goods Requirements Response

Class diagram



GDD report

The content of the GoodsRequirementsResponse class, its structure and component definitions can be accessed in the Global Data Dictionary: http://apps.gs1.org/GDD/bms/Version3_3/Pages/bieDetails.aspx?semanticURN=urn:gs1:gdd:bie:GoodsRequirementsResponse

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
GoodsRequirements Response				Contains the response to the goods requirements message.	
Association	seller	TransactionalParty	1..1	Contains the identification of the party that is selling the goods.	
Association	goodsRequirements	Ecom_DocumentReference	1..1	Contains the reference to the goods requirements message.	WR 14-000314

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
Generalization		EcomDocument		Basic information about the content of the message including version number, creation date and time.	
Association	buyer	TransactionalParty	1..1	Contains the identification of the party that is buying the goods.	
Association	goodsRequirementsResponseIdentification	Ecom_EntityIdentification	1..1	Contains the unique identifier of the business document.	WR 14-000314
Attribute	responseStatusCode	ResponseStatusCode	1..1	Code specifying the type of response. Example: Accepted	added in MR3 to increase consistency with other response messages.



Note: Reference Shared Common Library Business Message (BMS) Release 3.6 and eCom Domain Common Library Business Message (BMS) Release 3.6 for all common information.

4.2 Enumerations (message specific)

Not applicable

4.3 Code Lists

Class	Codelist	GDD Link
GoodsrequirementsRe sponse	ResponseStatus Code	http://apps.gs1.org/GDD/Pages/clDetails.aspx?semanticURN=urn:gs1:gdd:c/:ResponseStatusCode



Note: Refer to the Global Data Dictionary (GDD) for the code values.

5 Business Message Examples

5.1 Example 1

This is an example of the Goods Requirements Response message. The message is identified with the identification number GRR9790 and is sent on 11th of March 2011 at 11.01 AM.

Party Information

GS1 Global Location Number	Party Type
5412345000013	Buyer
4098765000010	Seller

The Seller (GLN 4098765000010) sends a response to the Buyer (5412345000013) indicating that he has accepted the material requirements that he received from the manufacturer (Material_Requirements 205001).

Message Example

Attribute	Value
GoodsRequirementsResponse	
creationDateTime	2011-03-11 11.01
documentStatusCode	ORIGINAL
responseStatusCode	ACCEPTED
EntityIdentification (+goodsRequirementsResponseIdentification)	
entityIdentification	0012
PartyIdentification (+contentOwner)	
gln	4098765000010
TransactionalParty (+seller)	
gln	4098765000010
TransactionalParty (+buyer)	
gln	5412345000013
DocumentReference(+goodsRequirements)	
EntityIdentification	
entityIdentification	2005001
PartyIdentification (+contentOwner)	
Gln	5412345000013

6 Implementation Considerations

6.1 User Guide

The Functional User Guide contains more information about the structure and content of the Goods Requirements Response message: http://www.gs1.org/docs/ecom/xml/3/3.4/eCom-Trade_messages.html#GoodsRequirementsResponse

6.2 Message Specific Considerations

Not Applicable

7 Summary of Changes

Any change in the GS1 standards is done based on the Work Request (WR) submitted by the GS1 User Companies or Member Organisations. All Work Requests are documented in the Work Request system available on the GS1 website: <http://wr.gs1.org>. The system is accessible to registered users. New visitors need to register first, to be able to access it. WRs can be searched by the number referenced in tables below, see: Search Work Requests. The number starts with the two last digits of the year when it was submitted, followed by the consecutive number within that year.



Note: WRs submitted earlier than February 2012 should be searched in Old Change Requests.

7.1 BMS Release 3.0

Change	Associated CR Number
BMS Release 3.0.0: <ul style="list-style-type: none"> Updated to reflect changes in modelling methodology 	Not applicable
Issue Resolution: <ul style="list-style-type: none"> Updated to reflect sequencing change 	Not applicable
Peer Review: <ul style="list-style-type: none"> Added "Not applicable" to use case alternate. 	Not applicable
Publication <ul style="list-style-type: none"> Added copyright R in GS1 logo Changed document status to Approved Removed year reference in footer copyright statement Replaced section 10 with updated AG Principles 	Not Applicable

7.2 BMS Release 3.1

No work requests. Indirect changes due to upgrade to new Shared and eCom Common libraries.

7.3 BMS Release 3.2

Change	Associated WR
<div style="border: 1px solid black; padding: 5px;"> <p>class GoodsRequirementsResponse - maintenance view</p> <pre> classDiagram class GoodsRequirementsResponse { + responseStatusCode: ResponseStatusCode } class GoodsRequirementsResponse { <<root, >> } class GoodsRequirementsResponse { maintenance } </pre> <p>Change: (Verified) 3.2 changed generalisation from Document to eComDocument class to include AVP (WR 14-110)</p> </div>	14-000110 Add Attribute Value Pair at the root, line item and sub line item levels

7.4 BMS Release 3.3

Change	Associated WR
<p>Created Ecom_EntityIdentification class and changed association from the previous EntityIdentification</p> <pre> classDiagram class GoodsRequirementsResponse { <<root>> +responseStatusCode :ResponseStatusCode } class Ecom_EntityIdentification { <<eCom GS1 Identification>> } GoodsRequirementsResponse < -- Ecom_EntityIdentification </pre> <p>class GoodsRequirementsResponse - maintenance view</p> <p>eCom GS1 Identification:: Ecom_EntityIdentification <i>maintenance</i> Change: (New) 3.3 New class (WR 15-314)</p> <p>1..1 \uparrow +goodsRequirementsResponseIdentification</p> <p>«root, » GoodsRequirementsResponse + responseStatusCode :ResponseStatusCode <i>maintenance</i> Change: (Complete) 3.2 changed generalisation from Document to eComDocument class to include AVP (WR 14-110) Change: (New) 3.3 changed association from EntityIdentification to Ecom_EntityIdentification (WR 15-314) Change: (New) 3.3 changed association named +goodsRequirements from DocumentReference to Ecom_DocumentReference (WR 15-314)</p>	<p>15-000314 Make GS1 identification keys optional in GS1 EDI XML</p>
<p>Created Ecom_DocumentReference class and changed association from the previous DocumentReference</p> <pre> classDiagram class GoodsRequirementsResponse { <<root>> +responseStatusCode :ResponseStatusCode } class Ecom_DocumentReference { <<eCom Common Components::Ecom_DocumentReference>> } GoodsRequirementsResponse < -- Ecom_DocumentReference </pre> <p>class GoodsRequirementsResponse - maintenance view</p> <p>eCom Common Components::Ecom_DocumentReference <i>maintenance</i> Change: (New) 3.3 added +referencedDocumentUI (WR 16-261) Change: (New) 3.3 New class (WR 15-314)</p> <p>+goodsRequirements 1..1 \leftarrow</p> <p>«root, » GoodsRequirementsResponse + responseStatusCode :ResponseStatusCode <i>maintenance</i> Change: (Complete) 3.2 changed generalisation from Document to eComDocument class to include AVP (WR 14-110) Change: (New) 3.3 changed association from EntityIdentification to Ecom_EntityIdentification (WR 15-314) Change: (New) 3.3 changed association named +goodsRequirements from DocumentReference to Ecom_DocumentReference (WR 15-314)</p>	<p>15-000314 Make GS1 identification keys optional in GS1 EDI XML</p>

7.5 BMS Release 3.4

No work requests. Indirect changes due to upgrade to new Shared and eCom Common libraries.

7.6 BMS Release 3.5

No work requests. Indirect changes due to upgrade to new Shared and eCom Common libraries.

7.7 BMS Release 3.5.1

No work requests. Indirect changes due to upgrade to new Shared and eCom Common libraries.

7.8 BMS Release 3.6

No work requests. Indirect changes due to upgrade to new Shared and eCom Common libraries.

8 Appendices

Not Applicable

9 Acknowledgements

9.1 Work Group

Function	Name	Company / organisation
Co-chair	Rossner (Pottier), Natascha	GS1 France

Function	Name	Company / organisation
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Member	Bodemer, Petra	dm-drogerie markt GmbH + Co. KG
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Member	Chresta, Richard	GS1 Switzerland
Member	Cook, Don	Wal-Mart Stores, Inc.
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Member	Robba, Steven	1WorldSync Holdings, Inc.
Member	Rosell, Pere	GS1 Spain

Function	Name	Company / organisation
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Member	Shimazaki, Ayako	GS1 Japan
Member	Sion, Emilie	GS1 France
Member	Souza, Nadia	GS1 Brasil
Member	Strand, Roman	GS1 Germany
Member	Tan, Milton	GS1 Malaysia
Member	Tompsett, Simon	Waitrose
Member	Trelle, Ute	1WorldSync Holdings, Inc.
Member	Tse, Steve	GS1 Hong Kong
Member	Tyson, Betty	Knouse Foods Cooperative, Inc
Member	Van den Bergh, Senne	GS1 Belgium & Luxembourg
Member	Van der Eijk, Pim	OASIS - Sonnenglanz Consulting BV
Member	Veldhuis, Saskia	Procter & Gamble Co.
Member	Welch, Shan	GS1 UK
Member	Westerkamp, Jan	GS1 Netherlands
Member	Wilson, Mary	GS1 US
Member	Windsperger, Bekki	Best Buy Co., Inc.
Member	Yang, Shaopeng	GS1 China
Member	Yusdiar, Dani	GS1 Indonesia
Member	Zwanziger, Greg	SUPERVALU

9.2 Development Team Members

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Technical Development Lead	Miklos Bolyky	GS1 Global Office
Peer Review	Mark Van Eeghem	GS1 Global Office