



# **Goods Requirements Response Business Message Standard (BMS)**

*Release 3.1*

*1-May-2013, Issue 1*

## Document Summary

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## Business Requirements Document (BRAD) Reference

BRAD Title:	BRD 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
6 January 2012	BMS 3.0 Issue 1.0.0	Coen Janssen	Publication of BMS 3.0	Noted in summary of change section
1-May-2013	BMS 3.1 issue 1	Coen Janssen	Publication of BMS 3.1	Noted in Summary of Changes

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# Table of Contents

<b>1. Business Domain View .....</b>	<b>4</b>
1.1. Problem Statement / Business Need .....	4
1.2. Objective .....	4
1.3. Audience .....	4
1.4. References .....	4
1.5. Acknowledgements .....	4
1.5.1. Work Group .....	4
1.5.2. Development Team Members .....	6
<b>2. Business Context .....</b>	<b>7</b>
<b>3. Business Transaction View .....</b>	<b>7</b>
3.1. Business Transaction – Net Requirements Confirmation .....	7
<b>4. Business Information View .....</b>	<b>9</b>
4.1. Goods Requirements Response .....	9
4.2. Code Lists .....	11
<b>5. Business Message Example .....</b>	<b>11</b>
<b>6. Implementation Considerations .....</b>	<b>11</b>
<b>7. Appendices .....</b>	<b>11</b>
<b>8. Summary of Changes .....</b>	<b>12</b>
8.1. BMS Release 3.0 .....	12
8.2. BMS Release 3.1 .....	12

# 1. Business Domain View

## 1.1. Problem Statement / Business Need

For some commercial transactions the requesting party requires a formal acknowledgement by the responding party in order to ensure proper and timely processing. The Goods Requirements Response message enables the responding party to communicate his acceptance of the Goods Requirements transaction.

## 1.2. Objective

This standard defines the transaction model and data model for the following business message:

- Goods Requirements Response

## 1.3. Audience

- Manufacturers
- Suppliers
- Logistic Service Providers

## 1.4. References

	Reference Name	Description
[Ref1]	BMS eCom Domain Common Library 3.1	The documented design of components that are used in multiple messages within the eCom Domain
[Ref2]	BMS Shared Common Library 3.1	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	

## 1.5. Acknowledgements

### 1.5.1. Work Group

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Function	Name	Company / organisation
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### 1.5.2. Development Team Members

Function	Name	Organisation
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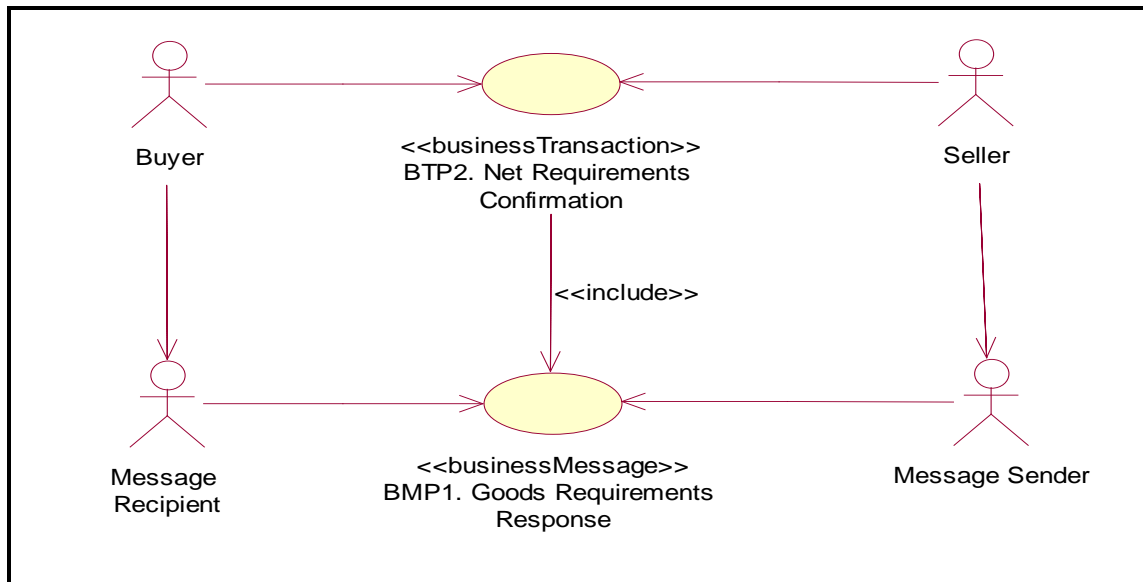
## 2. Business Context

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	<b>Begins when:</b> Seller receives the Net Requirements from the Buyer.		
	<b>Continues with:</b>		
	Step #	Actor	Activity Step
	1.	Seller	Sends Goods Requirements Response message to the Buyer.
	2.	Buyer	Receives Goods Requirements Response
	<b>Ends when:</b> buyer receives the Goods Requirements Response		
Alternative Scenario	(any alternatives to the above scenario) Not Applicable		

#### Activity Diagram(s)

Not Applicable

#### Sequence Diagram(s)

Not Applicable



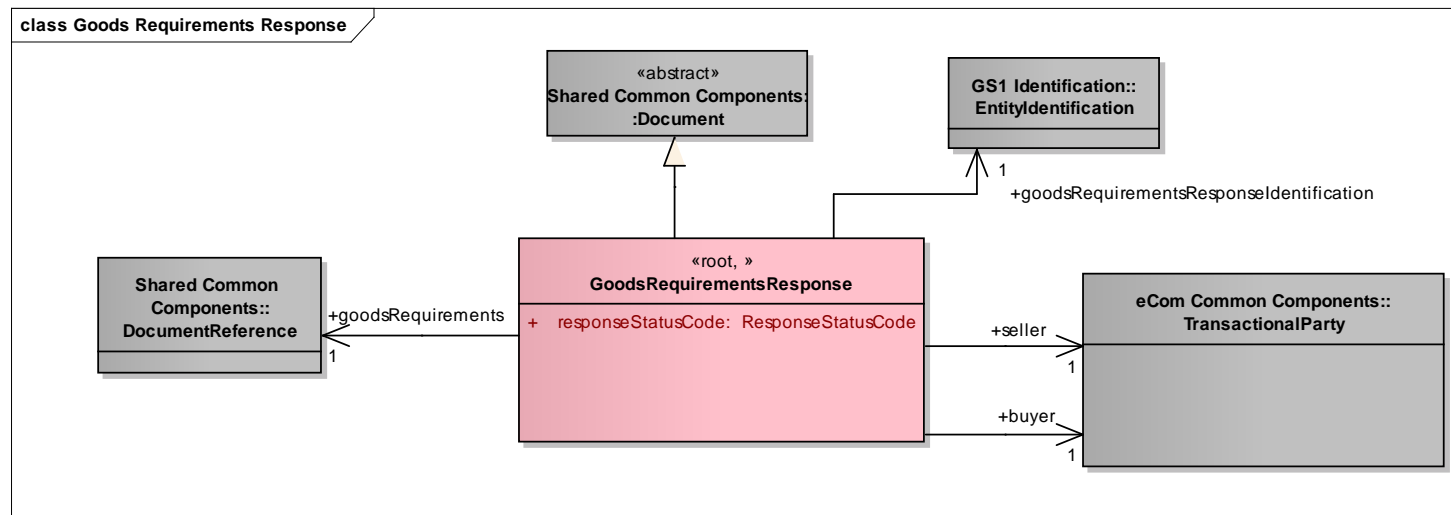
## 4. Business Information View



**Note:** Reference Shared Common Library Business Message (BMS) Release 3.0.0 and eCom Domain Common Library Business Message (BMS) Release 3.0.0 for all common information.

### 4.1. Goods Requirements Response

#### Class Diagram



#### GDD Report

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
GoodsRequirementsResponse				Contains the response to the goods requirements message.	
Association	seller	TransactionalParty	1..1	Contains the identification of the party that is selling the goods.	

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

## 4.2. Code Lists



**Note:** Reference Shared Common Library Business Message (BMS) Release 3.0.0 and eCom Domain Common Library Business Message (BMS) Release 3.0.0 for all Code Lists

Class	Codelist	Referenced in
GoodsrequirementsResponse	ResponseStatusCode	eCom Domain Common Library Business Message (BMS) Release 3.0.0

## 5. Business Message Example

The material supplier (seller 8812345678901) sends a response to the manufacturer (buyer 8712345678911) indicating that he has accepted the material requirements that he received from the manufacturer (Material\_Requirements 205001).

GoodsRequirementsResponse	
- creationDateTime	2005-01-11T11.01.00
- documentStatusCode	ORIGINAL
- responseStatusCode	ACCEPTED
EntityIdentification (+goodsRequirementsResponseIdentification)	
- entityIdentification	0012
PartyIdentification (+contentOwner)	
- gln	8812345678901
TransactionalParty (+seller)	
- gln	8812345678901
TransactionalParty (+buyer)	
- gln	8712345678911
DocumentReference(+goodsRequirements)	
EntityIdentification	
- entityIdentification	2005001
PartyIdentification (+contentOwner)	
- gln	8712345678911

## 6. Implementation Considerations

Not Applicable

## 7. Appendices

Not Applicable

## 8. Summary of Changes

### 8.1. BMS Release 3.0

Change	BMS Version	Associated CR Number
BMS Release 3.0.0: <ul style="list-style-type: none"> <li>Updated to reflect changes in modelling methodology</li> </ul>	Issue 1.0.0	Not applicable
Issue Resolution: <ul style="list-style-type: none"> <li>Updated to reflect sequencing change</li> </ul>	Issue 1.0.0	Not applicable
Peer Review: <ul style="list-style-type: none"> <li>Added "Not applicable" to use case alternate.</li> </ul>	Issue 1.0.0	Not applicable
Publication <ul style="list-style-type: none"> <li>Added copyright R in GS1 logo</li> <li>Changed document status to Approved</li> <li>Removed year reference in footer copyright statement</li> <li>Replaced section 10 with updated AG Principles</li> </ul>	Issue 1.0.0	Not Applicable

### 8.2. BMS Release 3.1

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