



Business Message Standard (BMS) Goods Requirements Response

BMS Release: 2.5.0, BRG Name: eCom

Issue 0.2.1, 06-Feb-2009



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	Model Build #
20-12-2004	0.0.1	Coen Janssen	Initial Draft		
12-01-2005	0.0.2	Coen Janssen	Review		
20-01-2005	0.0.3	Coen Janssen	Review		
14-02-2005	0.0.4	Coen Janssen	Motion to public review	Changed name of message from Material Requirements Response into Goods Requirements Response.	
07-04-2005	0.1.0	Coen Janssen	Plan BRG February 21 - March 1 2005	Typo in chapter 1.1.	

Date of Change	Version	Changed By	Reason for Change	Summary of Change	Model Build #
30-05-2005	0.1.1	Coen Janssen	Peer review comments	Changed footer text. Corrected GDD report. Corrected class diagram (see chapter 12).	
21-Jul-2005	0.1.2	Coen Janssen	Technical Design Public Review	Several cosmetic changes.	
25-Apr-2007	0.1.3	Giovanni Biffi	Editorial Changes	Minor Editorial Changes to the Document	
29-Aug-2008	0.2.0	John Ryu	User demand to release for 2.5.0	Updated document to BMS template no change to content	
01-Dec-2008	0.2.1	Lisa Herrick	BMS Release 2.5.0 Final Public Review	Noted in summary of changes	BSD P4CL 10737
06-Feb-2009	Issue 0.2.1	Lisa Herrick	BMS Release 2.5.0 eBallot Approved	Noted in summary of changes	

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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

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

1.3. Audience

- Manufacturers
- Suppliers
- Logistic Service Providers

1.4. References

	Reference Name	Description
[Ref1]	BMS Common Library Release 2.5.0	The documented design of components that are used in multiple messages.
[Ref2]	BRAD Upstream Standards - Demand & Supply Signals 0.1.0	

1.5. Acknowledgements

1.5.1. BRG Work Group

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1.5.2. Design Team Members

Function	Name	Organisation
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Peer Reviewer	Eric Kauz	GS1

2. Business Context

Context Category	Value(s)
Industry	All
Geopolitical	All
Product	All
Process	Plan
Official Constraints	None
Roles	Buyer, Seller
System Capabilities	EANCOM, XML

3. Additional Technical Requirements Analysis

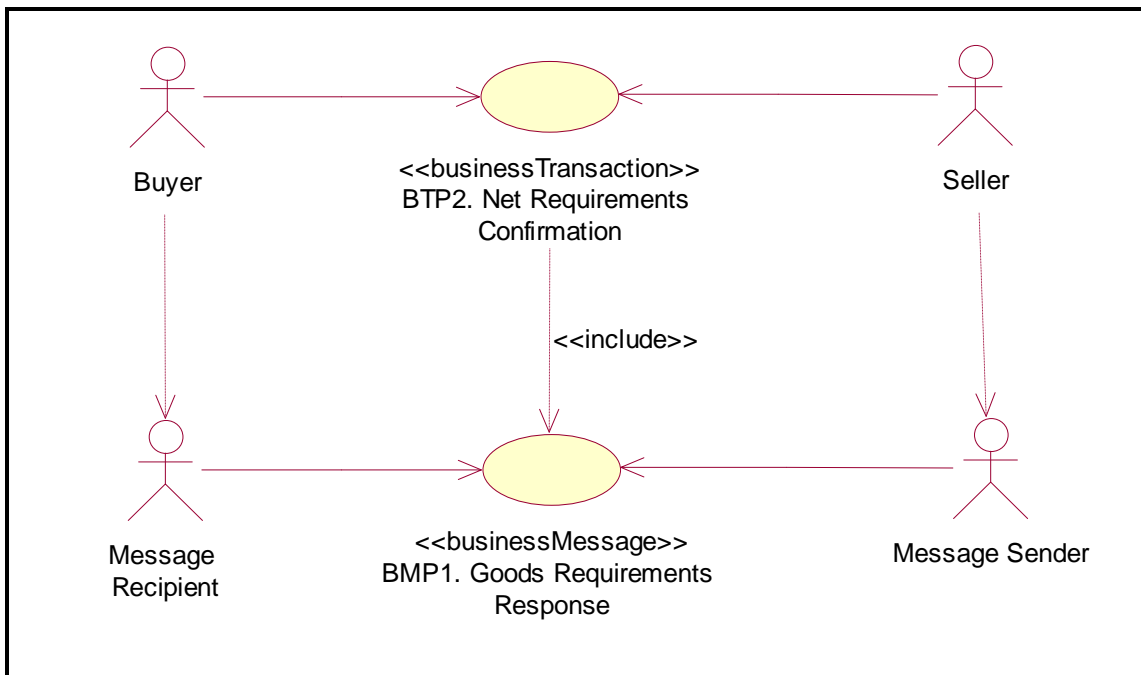
3.1. Technical Requirements (optional)

NOT APPLICABLE

4. Business Transaction View

4.1. Business Transaction Use Case Diagram

Figure 4-1 Use Case Diagram: Business Transaction



4.2. 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" style="width: 100%;"> <thead> <tr style="background-color: #cccccc;"> <th>Step #</th> <th>Actor</th> <th>Activity Step</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Seller</td> <td>Sends Goods Requirements Response message to the Buyer.</td> </tr> <tr> <td>2.</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	1.	Seller	Sends Goods Requirements Response message to the Buyer.	2.	Buyer	Receives Goods Requirements Response
Step #	Actor	Activity Step										
1.	Seller	Sends Goods Requirements Response message to the Buyer.										
2.	Buyer	Receives Goods Requirements Response										
Alternative Scenario	<p><i>(any alternatives to the above scenario)</i></p> <table border="1" style="width: 100%;"> <thead> <tr style="background-color: #cccccc;"> <th>Step #</th> <th>Actor</th> <th>Activity Step</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td></td> <td></td> </tr> <tr> <td>2.</td> <td></td> <td></td> </tr> </tbody> </table>			Step #	Actor	Activity Step	1.			2.		
Step #	Actor	Activity Step										
1.												
2.												

4.3. Business Transaction Activity Diagram(s)

NOT APPLICABLE

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

NOT APPLICABLE

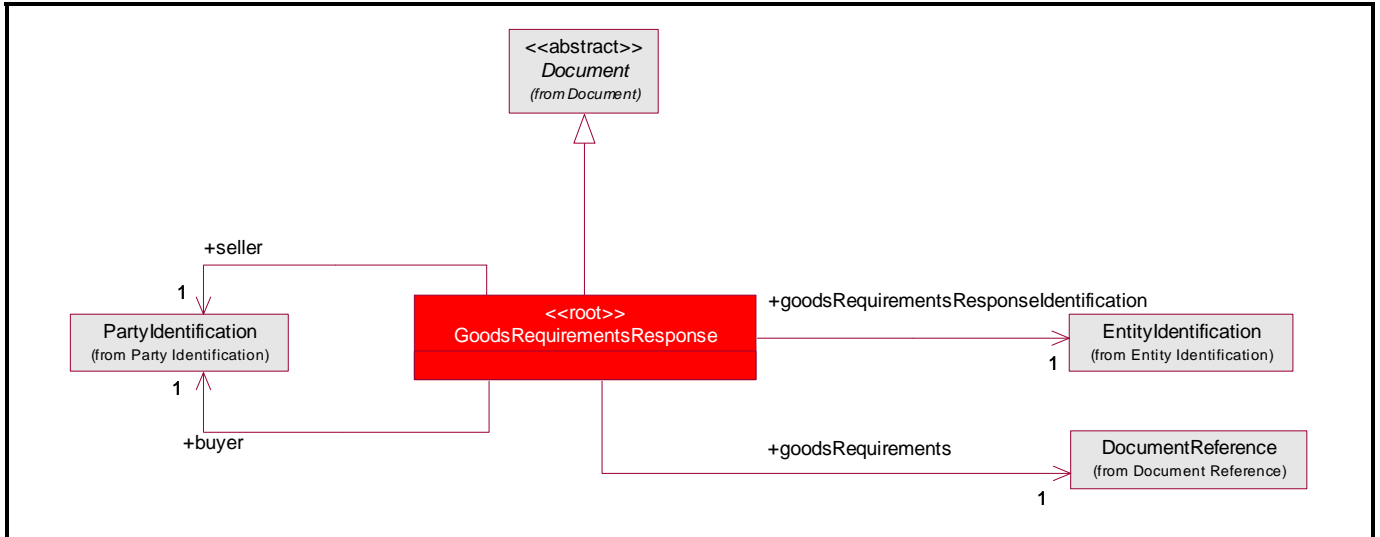
5. Information Model (Including GDD Report)

5.1. GDD Report Goods Requirements Response

Class (ABIE)	Attribute (BBIE)	Association (ASBIE)	Secondary Class	Official Dictionary Entry Name	Definition	Multiplicity	Data Type Components	Related Requirements	Facets
GoodsRequirementsResponse				Goods Requirements Response. Details	Contains the response to the material requirements message				
			Document	Goods Requirements Response. Generalization. Document	This information on Document for GoodsRequirementsResponse .	1..1		BRAD Upstream Standards - Demand & Supply Signals 0.1.0 {7.3.1-2}	
		goodsRequirements	DocumentReference	Goods Requirements Response. Goods Requirements. Document Reference	Contains the reference to the material requirements message.	1..1		BRAD Upstream Standards - Demand & Supply Signals 0.1.0 {7.3.1-5}	
		goodsRequirementsResponseIdentification	EntityIdentification	Goods Requirements Response. GoodsRequirementsResponse_ Identification. Entity Identification	Contains the unique identifier of the business document	1..1		BRAD Upstream Standards - Demand & Supply Signals 0.1.0 {7.3.1-1}	
		buyer	PartyIdentification	Goods Requirements Response. Buyer. Party Identification	Contains the identification of the party that is buying the goods.	1..1		BRAD Upstream Standards - Demand & Supply Signals 0.1.0 {7.3.1-3}	
		seller	PartyIdentification	Goods Requirements Response. Seller. Party Identification	Contains the identification of the party that is selling the goods.	1..1		BRAD Upstream Standards - Demand & Supply Signals 0.1.0{7.3.1-3}	

5.2. Class Diagrams

Figure 5-1 Class Diagram: Goods Requirements Response



- Note:** Reference Common Library Business Message Standard (BMS) Release 2.5.0 for all common information.

5.3. Code Lists

- Note:** Reference Common Library BMS Release 2.5.0 for all code lists.

6. Business Document 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
- documentStatus	ORIGINAL
EntityIdentification (+goodsRequirementsResponseIdentification)	
- uniqueCreatorIdentification	0012
PartyIdentification (+contentOwner)	
- gLN	8812345678901
PartyIdentification (+seller)	
- gLN	8812345678901
PartyIdentification (+buyer)	

GoodsRequirementsResponse	
- gLN	8712345678911
DocumentReference(+goodsRequirements)	
EntityIdentification	
- uniqueCreatorIdentification	2005001
PartyIdentification (+contentOwner)	
- gLN	8712345678911

7. Implementation Considerations

NOT APPLICABLE

8. Testing

8.1. Pass / Fail Criteria

NOT APPLICABLE

8.2. Test Data

NOT APPLICABLE

9. Appendices

NOT APPLICABLE

10. Summary of Changes

Change	BMS Version	Associated CR Number
Replaced association to TypedEntityIdentification (+goodsRequirements) with DocumentReference (+goodsRequirements)	0.1.1	CR04-000211
Updated BMS for 2.5.0 Release For implementation to Goods Requirements	0.2.0	CR 08-000209
For BMS Release 2.5.0 <ul style="list-style-type: none"> ■ Prep document for public review on 01-Dec-2008 ■ Remove Code Lists & Add notes to reference Common Library BMS for Code Lists and Common Information. 	0.2.1	Not Applicable
BMS Release 2.5.0: <ul style="list-style-type: none"> ■ eBallot Approved 0090116-20090130 ■ Updated to Approved and Issue. 	Issue 0.2.1	Not Applicable