



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

First Name	Last Name	Company
Kerry	Angelo	RosettaNet
Ryohei	Ariga	Procter & Gamble Co. (Japan)
Alison	Bartlet	Commport Communications Int'l Inc.
Lorraine	Bartrop	Whitbread Group, PLC
Martin	Beno	GS1 Slovakia
Mike	Blank	3663 First for Foodservice
Kyra	Blankenstein	GS1 Netherlands
Zsolt	Bócsi	GS1 Hungary

First Name	Last Name	Company
Shaun	Bosson	GS1 New Zealand
Dave	Botherway	Melbourne PC User Group
Miriam	Burke	Procter & Gamble Co.
Jean-Luc	Champion	GS1 Global Office
Jasmine	Chew	RosettaNet
Richard	Chresta	GS1 Switzerland
Fatou	COULIBALY	GS1 France
Troy	Denyer	GS1 Australia
Arne	Dicks	GS1 Germany
Marilyn	Dodd	3M Company
Sue	Donarski	Schneider National
John	Duker	Procter & Gamble Co.
Karina	Duvinger	GS1 Sweden
Carol	Edison	General Mills, Inc.
Hussam	El-Leithy	RosettaNet
Chris	Emment	Brakes Food Service
Karen	Feiling	GS1 South Africa
Brian	Finale	UPS
Klaus	Foerderer	GS1 Germany
David	Freedman	Inovis Inc. (US)
Wayne	Gingerich	Werner Enterprises
Joel	Goldberg	Rosenthal & Rosenthal, Inc.
Anders	Grangard	GS1 Global Office
Sara	Halfmann	Best Buy Co., Inc.
Bill	Hamilton	Kavi
Tom	Heist	GS1 Global Office
John	Hervey	NACS/PCATS
Douglas	Hill	GS1 Denmark
Rob	Hoffman	Hershey Company (The)
Norbert	Horst	GS1 Germany
Sandra	Hurd	CIT Group (The)
Mark	Ingram	Anheuser Busch
Coen	Janssen	GS1 Netherlands
Jim	Jennings	Procter & Gamble Co.

First Name	Last Name	Company
Tan	Jin Soon	GS1 Singapore
Fred	Kempkes	Unilever N.V.
Brendan	Kernan	GS1 Ireland
Atsushi	Koizumi	Ajinomoto Co., Inc.
Vladimir	Kozovic	GS1 Serbia
Anne-Claire	Krid	GS1 France
Carolyn	Kroll	1SYNC
Frank	Kuhlmann	GS1 Germany
Priya	Kunthasami	GS1 New Zealand
CHRISTIAN	LAPORTE	GAZ DE FRANCE
Rita	Laur	GS1 Canada
Sophie	Le Pallec	GS1 France
Guillaume	Lecomte	Firmenich
Sean	Lockhead	GS1 Global Office
Bill	Lohse	Data-Tronics Corporation
Ana Paula	Maniero	GS1 Brasil
Eric	Maree	Accenture Supply Chain Services
Michal	Martinko	Hewlett-Packard
Robert	McHugh	Menlo Worldwide
John	Meier	Giant Food Stores, Inc.
Jeff	Melcher	Army & Air Force Exchange Service
Juan	Mengide	GS1 Argentina
Cyndi	Metallo	Gladson Interactive
Carol	Miklusak	1SYNC
James	Morrison	Whirlpool Corporation
Dana	Morton	FedEx
Hirokazu	Nagai	Japan Pallet Rental Corporation
Frank	Napoli	LMI
Corinne	Narbaïts-Jauréguy	GS1 France
Eileen	Naused	McCormick & Company, Inc.
Debra	Noyes	Johnsonville Sausage, Inc
Hideaki	Ohata	Nomura Research Institute, Ltd
Mike	Osiecki	Best Buy Co., Inc.

First Name	Last Name	Company
Phil	Oxley	Compass Group, UK and Ireland Ltd
Ju Young	Park	GS1 Korea
Esther	Peelen	GS1 Netherlands
Steven	Pereira	GS1 Australia
Uxio	Perez Rodriguez	TLR Soft
Marie	Perry	Coca-Cola Enterprises
Joao	Picoito	GS1 Portugal
Leon	Plaksin	GS1 Australia
Laurie	PolICASTRO	GS1 Community Room Staff
Valerie	Post	Link Snacks Inc, Jack Links Beef Jerky
Natascha	Pottier	GS1 France
Joerg	Pretzel	GS1 Germany
Glenn	Pride	1SYNC
Rich	Richardson	GS1 US
Steven	Robba	Johnson & Johnson
Pere	Rosell	GS1 Spain
Steven	Rosenberg	GS1 US
Steve	Rowland	GS1 New Zealand
John	Ryu	GS1 Global Office
Hugo	Sabogal	GS1 Colombia
Tracy	Satcho	Eaton Electrical
Akikazu	Sato	Kao Corporation
Kazuya	Sato	GS1 Japan
Sue	Schmid	GS1 Australia
Christian	Schneider	GS1 Switzerland
Jon	Sharratt	Target Corporation
Jeanne	Shavlik-Bork	Kimberly-Clark Corporation
Mary	Shaw	IDEA (Canada)
Emilie	SION	GS1 France
Matthew	Smith	Bunnings Group Limited
Gabriel	Sobrinho	GS1 Netherlands
Stef	Spaan	GS1 Netherlands
Roman	Strand	GS1 Germany
Gina	Tomassi	PepsiCo

First Name	Last Name	Company
Dale	Turner	MediaLibrary Pty Ltd
Monica	Van Haren	Mars, Inc.
Krisztina	Vatai	GS1 Hungary
Philippe	Vervaet	GS1 Global Office
Claude	Viman	Johnson & Johnson
Akihiro	Watanabe	Izumiya Co., LTD
Sylvia	Webb	GEFEG US
Shan	Welch	GS1 UK
Jan	Westerkamp	GS1 Netherlands
Mary	Wilson	GS1 US
Bekki	Windsperger	Best Buy Co., Inc.
Chi-Wei	Yang	UPS
Marc	Yarbrough	Cadbury plc - North America
Greg	Zwanziger	SUPERVALU

1.5.2. Design Team Members

Function	Name	Organisation
Modeller	John Ryu	GS1
XML Technical Designer	Dipan Anarkat	GS1
EANCOM Technical Designer	Not Applicable	
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

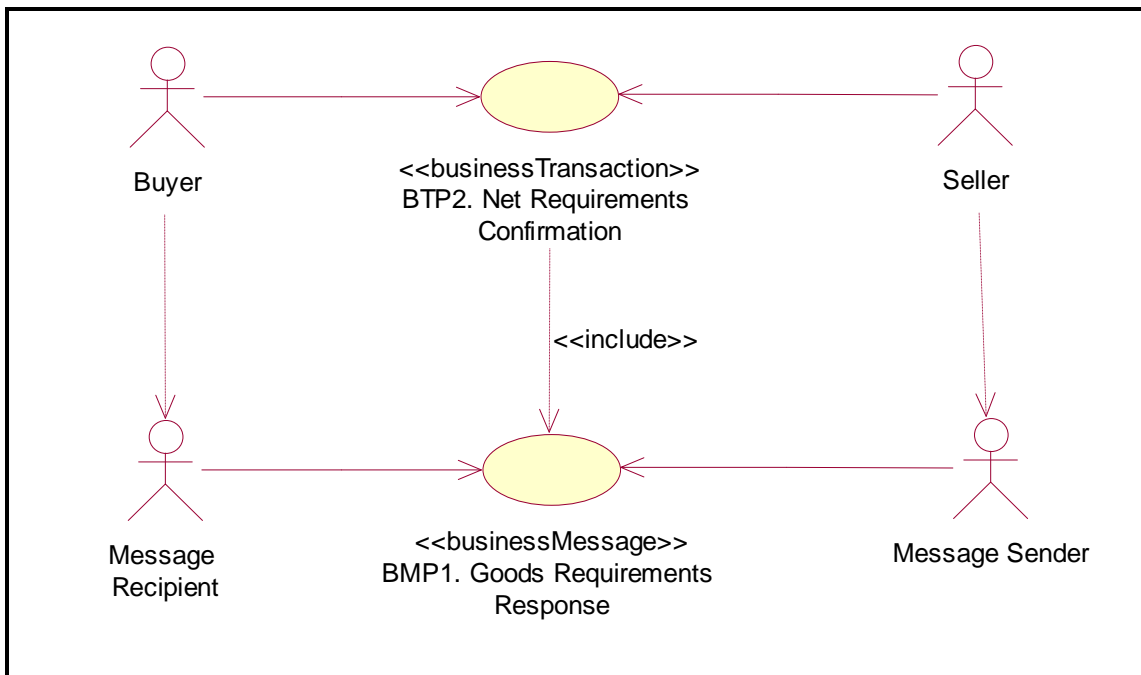
3.1. Technical Requirements (optional)

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	Begins when: Seller receives the Net Requirements from the Buyer.		
	Continues with:		
	Step #	Actor	Activity Step
	1.	Seller	Sends Goods Requirements Response message to the Buyer.
	2.	Buyer	Receives Goods Requirements Response
	Ends when: buyer receives the Goods Requirements Response		
Alternative Scenario	<i>(any alternatives to the above scenario)</i>		
	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

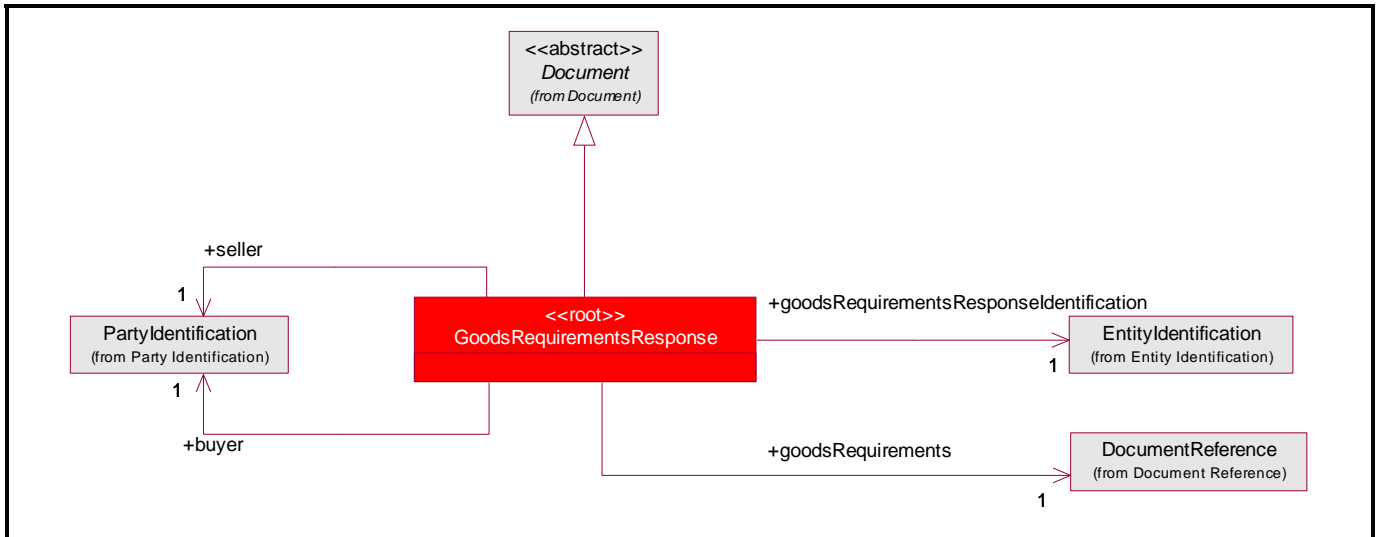
5. Information Model (Including GDD Report)

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