

Business Message Standard (BMS)

for

**Align/Sweden/ Extension of GS1
Standards for Trade Item Master Data**

BRG: Align

BMS Release: 2.1

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(dd.mm.cyyy)



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CR Submitter(s):	Mia Lenman, GS1 Sweden
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Business Requirements Document (BRAD) Reference

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BRAD Date: 1.06.2004
BRAD Version: 0.0.5

BRAD Title:
BRAD Date:
BRAD Version:

Document Summary

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Document Change History

Note: During development include revisions in history. Upon Approval, eliminate revisions and include only delta from previous version.

Date of Change	Version	Changed By	Reason for Change	Summary of Change	Model Build #
31.12.2004	1.0.0	Eric Kauz	Initial Version in BMS/BSD template	Migration of BRD to standard BMS/BRD format	N/A
31.03.2005	1.0.2	Andrew Hearn	Context Update	Updated the context listed within the document	N/A
31.03.2005	1.0.3	John Ryu	Added Extension Note		N/A
25.04.2007	1.0.4	Giovanni Biffi	Editorial Changes	Minor Editorial Changes to the Document	N/A

Business Message Standard

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Business Solution Design

1 Business Solution

1.1 Business Domain View

1.1.1 Problem Statement / Business Need

The Swedish retail market has a well-defined standard for communication between suppliers and retailers. The major part of this information is covered by the GS1 business message standards. There is however need for additional information due to local laws and regulations and the history of the Swedish retail market.

1.1.2 Objective

To supply the detail design of the Extension of GS1 standards for Trade Item Master Data for Target Market Sweden business transaction needed to meet the requirements of the referenced BRAD(s).

1.1.3 Audience

The intended audience for this standard includes manufacturers and retailer and any other actors interested in developing software or other IT-based services complying with the GS1 standards.

1.1.4 Artefacts

Artefact name	State	Artefact / State description
N/A		

1.1.5 References

Reference Name	Description
N/A	

1.1.6 Acknowledgements

(List of the individuals—and their companies—who participated in the creation, review and approval of this BMS.)

1.1.6.1 BRG Members

Function	Name	Company / organisation
BRG Chair	Luca Marotta	Procter&Gamble Italy
BRG Member	Loek Boortman	GS1 Netherlands
BRG Member	Benjamin Couty	GS1France
BRG Member	Svend-Erik Moelgard	CO-OP Denmark

1.1.6.2 ITRG Members

Function	Name	Company / organisation
ITRG Chair		
ITRG Member		
ITRG Member		
ITRG Member		
...		

1.1.6.3 Task/Project Group Participants (*where applicable*)

Function	Name	Company / organisation
CR submitter	Staffan Olsson	GS1 Sweden
Participant	Brendon Beumer	Royal Ahold
Participant	Bob Panaccio	Procter&Gamble
Participant	Jeff Mumford	Reckit Benckiser
Participant	Markus Mathar	Sinfos
Participant	Emma Scheldon	UDEX
Participant	Lionel Tussau	GeorgiaPacific
Participant	Harshal Gore	GS1 UK

1.1.6.4 Design Team Members

Function	Name	Organisation
Modeller	Umang Patel	GS1 UK
XML Technical Designer		
EANCOM Technical Designer		
Peer Reviewer	Eric Kauz	GS1

Business Solution Design

1.2 Business Context

(Note: The business context of the business)

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

If no value use, the default of "All" except for Official Constraints where default is "None".

1.3 Additional Technical Requirements Analysis

1.3.1 Technical Requirements (optional)

Number	Statement	Rationale

1.4 Business Transaction View

1.4.1 Business Transaction Use Case Diagram

Not Applicable.

1.4.2 Use Case Description

Not Applicable.

1.4.3 Business Transaction Activity Diagram(s)

Not Applicable.

1.4.4 Business Transaction Sequence Diagram(s) (optional)

Not Applicable.

Business Solution Design

1.5 Information Model (including GDD Report)

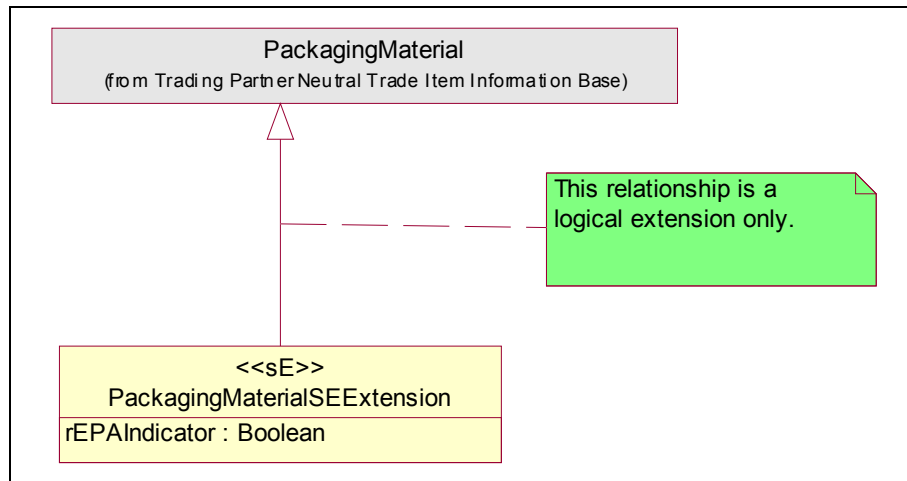
1.5.1 Data Description:

Class (ABIE)	Attribute (BBIE)	Association (ASBIE)	Secondary Class	Related Requirement
PackagingMaterialSEExtension				
	rEPAIndicator			Extension of EAN.UCC standards for Trade Item Master Data for Target Market Sweden V.0.0.5

1.5.2 GDD Report:

Class (ABIE)	Attribute (BBIE)	Association (ASBIE)	Secondary Class	Official Dictionary Entry Name	Definition	Multiplicity
PackagingMaterialSEExtension				Sweden_ Extension_ Packaging Material. Details	None	
	rEPAIndicator			Sweden_ Extension_ Packaging Material. REPA_ Non Returnable. Indicator	Code indicating that the packaging is non-returnable and that the supplier has paid the appropriate fee to the Swedish REPA system	1..1

1.5.3 Class Diagrams



Note: The relationship between the extension and the Trading Partner Neutral Trade Item Information class is logical only and does not designate the physical location of the extension tag in the Schema. This relationship states that, logically, the information contained in the extension belongs with other Trading Partner Neutral Trade Item Information such as packaging marking and item dimensions. The physical placement of the extension tag is a technical decision as long as it allows the implementers to relate the extensions to a specific trade item.

1.5.4 Code Lists

Not Applicable

Business Solution Design

1.6 Business Document Example

1.7 Implementation Considerations

Not Applicable

1.8 Testing

1.8.1 Pass / Fail Criteria

Number	Test Criteria	Related Requirement	Design Element	Pass Criteria	Fail Criteria
1	Not Applicable				
2					
3					

1.8.2 Test Data

Attribute	Value
Not Applicable	

1.9 Appendices

Not Applicable

1.10 Summary of Changes

Change	BMS Version	Associated CR Number
<ul style="list-style-type: none">Changed referenced ISO Code in Class Diagram from SW to SE.	2.0.2	

2 XML Technical Solution ITRG Packet

This section provides the specifications for the standards content ITRG approves. It is called the Technical Solution Design (TSD).

The Technical Solution Design contains:

- TSD Zip file Table of Contents
- Business Message Standard Section Technical Level GDD Report
- XSD (XML Schema Documents)
- XML Instance File and HTML Form View (XML and HTML files containing sample data specified in Section 1.6)

In the process of approving the Technical Solution Design, the ITRG will be provided the following artefacts:

- Any relevant Business Requirements Analysis Document (BRAD)
- Any relevant Business Requirements Document (BRD)
- Section 1 of Business Message Standard (Business Solution Design)
- Comment Resolution Template from Technical Public Review
- XML Test Report
- Change Request
- Other informative or reference documents