Business Message Standard (BMS)

for

Align/Sweden/ Extension of EAN.UCC Standards for Trade Item Master Data

BRG: Align

BMS Release: 2.0.2

Document Version: 1.0.4

Release Date: 31.03.2005

(dd.mm.ccyy)

Change Request Reference

Refer to Change Request (CR) Number(s):	02-00124
CR Submitter(s):	Mia Lenman, EAN Sweden
Date of CR Submission to GSMP:	28.06.2004

Business Requirements Document (BRAD) Reference

BRAD Title: BRD Extension of EAN.UCC standards for Trade Item Master Data for Target Market Sweden – Business Requirements Document
BRAD Date: 1.06.2004
BRAD Version: 0.0.5

BRAD Title:
BRAD Date:
BRAD Version:

Document Summary

Document Title:	BMS for Align/Sweden/Extension of EAN.UCC standards for Trade Item Master Data for Target Market Sweden
Document Version	1.0.4
Owner:	Align BRG
Status:	(*Check one box*) ☐ DRAFT ☑ Approved
BMS Template Version:	1.0
Targeted BMS Publication Version	2.0.2

Document Change History

Note: During development include revisions in history. Upon Approval, eliminate revisions and include only delta from previ-ous 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 for-mat	N/A
31.03.2005	1.0.2	Andrew Hearn	Context Up-date	Updated the context listed within the docu-ment	N/A
31.03.2005	1.0.3	John Ryu	Added Exten-sion Note		N/A
20.04.2007	1.0.4	Giovanni Biffi	Editorial	Minor editorial changes	N/A

			Changes	to the document	

Table of contents

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 EAN.UCC 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 EAN.UCC 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 EAN.UCC 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	EAN Netherlands
BRG Member	Benjamin Couty	GENCOD EAN France
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	EAN 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	e.centre UK

1.1.6.4 Design Team Members

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

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	EAN.UCC
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
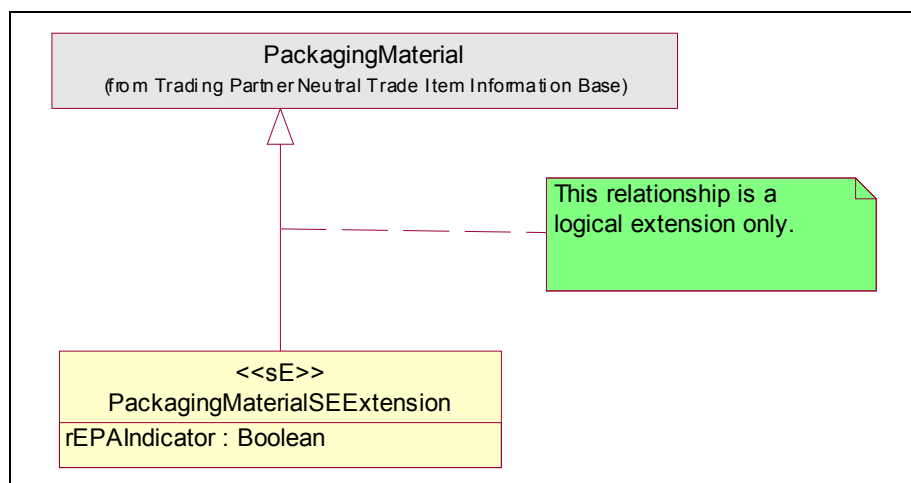

1.5   Information Model (including GDD Report)

1.5.1   Data Description:

Class (ABIE)	Attribute (BBIE)	Association (ASBIE)	Secondary Class	Related Requirement
	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

Business Solution Design

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

1.6   Business Document Example

1.7   Implementation Considerations

1.8   Testing

1.8.1   Pass / Fail Criteria

Number	Test Criteria	Related Requirement	Design Element	Pass Criteria	Fail Criteria
1					
2					
3					

1.8.2   Test Data

Attribute	Value

1.9   Appendices

1.10 Summary of Changes

Change	BMS Version	Associated CR Number
• Changed referenced ISO Code in Class Diagram from SW to SE.	2.0.2	

2   XML Technical Solution ITRG Packet

The Technical Representation of the Business process is documented in a Technical Solution ITRG Packet containing all supplemental XML artefacts and is used by the Information Requirements Group (ITRG) to evaluate the solution. Upon approval from the Information Technical Requirements Group (ITRG), the Technical Solution ITRG Packet is updated to the Technical Solution Implementers Packet and published with the Business

Message Standard at:
http://www.ean-ucc.org/global_smp/ean.ucc_standards.htm.

Technical Solution ITRG Packet Content:
- Business Message Standard (BMS)
- ITRG Review Packet
  - Style Sheet: This HTML has been created using a Style Sheet that is a visual representation of the data. It is not an actual Style Sheet, but an ex-ample of what a Style Sheet may look like.
  - Instance File: The Instance File is an example of what the schema may look like when it includes live data. This can be used as comparison to a completed schema and can serve as a point of reference for development.
  - Technical Level GDD Report

Technical Solution Implementers Packet Content:
Contains all the message specific.XSD files required to implement
Example:
- AS2Envelope
- Command.xsd
- DocumentCommand.xsd
- Proxy.xsd
- ComponentLibrary.xsd

Both the Business Message Standard and the Implementers Packet are available during the ITRG Review Period in the working documents section of the ITRG eRoom:

http://eroom.uc-council.org/eRoom/facility/InformationTechnicalAssessmentGroupITAG/0_14f7

All documents for review will be in this folder listed by name of the Change Request and Change Request Number. The Business Message Standard is not open for review, but offered as the basis for determining the suitability of the technical solutions.

This eRoom may be accessed by using the following User Name and Password:

User Name: guest
Password: guest