GSCN #	GSCN Name	Effective Date
16-311	AI425 Country of Disassembly	7 Nov 2016

Associated Work Request (WR) Number:

WR 16-311

Background:

Analogous to the statement on rearing (related to AI 423 in meat business) the statement on disassembly may contain more than just one place /country information, since there might be multistage process chain.

Example: The slaughtering of a bovine and first cutting / deboning of the beef quarter both take place in Argentina. After packaging the vacuumized meat cut is being sent to Germany. There, a second cutting of the meat cut into smaller pieces (production of retail ready packages) takes place.

In this case the correct statement would be "country / countries of disassembly: Argentina, Germany".

Extending data format of AI 425 "Country of Disassembly" to "Countries of Disassembly"

from n3+n3
to n3+n3 +n..12

GS1 General Specification Change:

The recommended changes are highlighted in the attached excerpt from the GS1 General Specifications, v16.

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AI	Data Content	Format (*)	FNC1 required (****)	Data title
367 (***)	*Logistic volume, cubic inches*	N4+N6		VOLUME (i³), log
368 (***)	*Logistic volume, cubic feet*	N4+N6		VOLUME (f³), log
369 (***)	*Logistic volume, cubic yards*	N4+N6		VOLUME (y³), log
37	*Count of trade items*	N2+N..8	(FNC1)	COUNT
390 (***)	*Applicable amount payable or Coupon value, local currency*	N4+N..15	(FNC1)	AMOUNT
391 (***)	*Applicable amount payable with ISO currency code*	N4+N3+N..15	(FNC1)	AMOUNT
392 (***)	*Applicable amount payable, single monetary area (variable measure trade item)*	N4+N..15	(FNC1)	PRICE
393 (***)	*Applicable amount payable with ISO currency code (variable measure trade item)*	N4+N3+N..15	(FNC1)	PRICE
394n (***)	*Percentage discount of a coupon*	N4+N4	(FNC1)	PRCNT OFF
400	*Customer's purchase order number*	N3+X..30	(FNC1)	ORDER NUMBER
401	*Global Identification Number for Consignment (GINC)*	N3+X..30	(FNC1)	GINC
402	*Global Shipment Identification Number (GSIN)*	N3+N17	(FNC1)	GSIN
403	*Routing code*	N3+X..30	(FNC1)	ROUTE
410	*Ship to - Deliver to Global Location Number*	N3+N13		SHIP TO LOC
411	*Bill to - Invoice to Global Location Number*	N3+N13		BILL TO
412	*Purchased from Global Location Number*	N3+N13		PURCHASE FROM
413	*Ship for - Deliver for - Forward to Global Location Number*	N3+N13		SHIP FOR LOC
414	*Identification of a physical location - Global Location Number*	N3+N13		LOC No
415	*Global Location Number of the invoicing party*	N3+N13		PAY TO
420	*Ship to - Deliver to postal code within a single postal authority*	N3+X..20	(FNC1)	SHIP TO POST
421	*Ship to - Deliver to postal code with ISO country code*	N3+N3+X..9	(FNC1)	SHIP TO POST
422	*Country of origin of a trade item*	N3+N3	(FNC1)	ORIGIN
423	*Country of initial processing*	N3+N3+N..12	(FNC1)	COUNTRY - INITIAL PROCESS.
424	*Country of processing*	N3+N3	(FNC1)	COUNTRY - PROCESS.
425	*Country of disassembly*	N3+N3+N..12	(FNC1)	COUNTRY - DISASSEMBLY
426	*Country covering full process chain*	N3+N3	(FNC1)	COUNTRY – FULL PROCESS
427	*Country subdivision Of origin*	N3+X..3	(FNC1)	ORIGIN SUBDIVISION
7001	*NATO Stock Number (NSN)*	N4+N13	(FNC1)	NSN

Commented [CJ24]: WR16-311

3.7.14 Country of initial processing: AI (423)

The Application Identifier (423) indicates that the GS1 Application Identifier data field contains the ISO country code(s) of the country or countries of initial processing of the trade item.

The ISO country code field contains the three-digit country code(s) from the numerical international standard *ISO 3166* that indicates the country or countries of initial processing.

✅ **Note**: The country of initial processing is normally the country in which the trade item has been produced or manufactured. However, in certain applications, such as livestock fattening, the country of initial processing may include up to five different countries, all of which should be indicated. It is the responsibility of the supplier to allocate the correct country code(s).

Figure 3.7.14-1. Format of the element string

Application Identifier	ISO country code(s)		
4 2 3	N_1	N_2	$N_3 .... N_{15}$

The data transmitted from the barcode reader means that the element string denoting the ISO country code(s) of the country or countries of initial processing of the respective trade item has been captured. As this element string is an attribute of a trade item, it must be processed together with the GTIN of the trade item to which it relates.

When indicating this element string in the non-HRI text section of a barcode label, the following data title SHOULD be used (see also section 3.23.2): **COUNTRY – INITIAL PROCESS**

> **Formatted:** Underline, Font color: Blue

3.7.15 Country of processing: AI (424)

The Application Identifier (424) indicates that the GS1 Application Identifier data field contains the ISO country code of the country of processing of the trade item.

The ISO country code field contains the three-digit country code of the numerical international standard *ISO 3166* that is the country of processing.

✅ **Note**: It is the responsibility of the processor of the trade item to allocate the correct country code.

Figure 3.7.15-1. Format of the element string

Application Identifier	ISO country code		
4 2 4	N_1	N_2	N_3

The data transmitted from the barcode reader means that the element string denoting the ISO country code of the country of processing of the respective trade item has been captured. As this element string is an attribute of a trade item, it must be processed together with the GTIN of the trade item to which it relates.

When indicating this element string in the non-HRI text section of a barcode label, the following data title SHOULD be used (see also section 3.23.2): **COUNTRY – PROCESS**

> **Formatted:** Underline, Font color: Blue

3.7.16 Country of disassembly: AI (425)

The Application Identifier (425) indicates that the GS1 Application Identifier data field contains the ISO country code of the country or countries of disassembly of the trade item. The ISO country code field contains the three-digit country code(s) from of the numerical international standard *ISO 3166* that indicates is the country or countries of disassembly.

✅ **Note**: In certain applications, such as meat or fish process chains, the process of disassembly is a multi stage process and the country of disassembly may include several different

countries, all of which should be indicated. It is the responsibility of the party doing the disassembly of the trade item to allocate the correct country code(s).

Figure 3.7.16-1. Format of the element string

Application Identifier	ISO country code		
4 2 5	N_1	N_2	$N_3 \ldots N_{15}$

The data transmitted from the barcode reader means that the element string denoting the ISO country code(s) of the country or countries of disassembly of the respective trade item has been captured. As this element string is an attribute of a trade item, it must be processed together with the GTIN of the trade item to which it relates. When indicating this element string in the non-HRI text section of a barcode label, the following data title SHOULD be used (see also section 3.23.2):
COUNTRY – DISASSEMBLY

3.7.17 Country covering full process chain: AI (426)

The Application Identifier (426) indicates that the GS1 Application Identifier data field contains the ISO country code of the country where all the processing of the trade item took place. The ISO country code field contains the three-digit country code of the numerical international standard *ISO 3166* that is the country of full processing.

> **Note**: If this AI is used, the full processing of a trade item must have taken place in a single country. This is particularly important in certain applications (e.g., covering a livestock animal's birth, fattening, and slaughter) where processing could take place in different countries. In situations like this, AI (426) may not be used. It is the responsibility of the supplier to allocate the correct country code.

Figure 3.7.17-1. Format of the element string

Application Identifier	ISO country code		
4 2 6	N_1	N_2	N_3

The data transmitted from the barcode reader means that the element string denoting the ISO country code of the country of full processing of the trade item has been captured. As this element string is an attribute of a trade item, it must be processed together with the GTIN of the trade item to which it relates.

When indicating this element string in the non-HRI text section of a barcode label, the following data title SHOULD be used (see also section 3.23.2): **COUNTRY – FULL PROCESS**

3.7.18 Country subdivision of origin code for a trade item: AI (427)

The Application Identifier (427) indicates that the GS1 Application Identifier data field contains the ISO based country subdivision code (e.g. provinces, states, cantons, etc.) of a country's local region origin of the trade item. The ISO country subdivision code field contains up to three alphanumeric characters after separator of *ISO 3166-2:2007* that is the principal subdivision of origin.

> **Note**: This GS1 AI is applicable to trade item groupings where the contents originate from only one region.

> **Note**: The local region of origin is the principal subdivision in which the trade item has been produced or manufactured. Determination of the principle subdivision is the brand owner's responsibility.