WR #	GSCN Name	Effective Date
WR 25-020	Correction to Mandatory association figure	May 2025

Associated Work Request (WR) Number:

Background:

During the 2025 publications team review the mandatory association addition that was part of WR21-283 (Master UDI-DI) was found to be incorrect and beyond an errata fix. This GSCN corrects the mandatory association for AI (01) with N1 = 9 row in Figure 4.13.2-1 and the two for AI (242).

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Invalid pairs of element strings				Rule
AI	Designation	AI	Designation	
4330	Maximum temperature in Fahrenheit	4331	Maximum temperature in Celsius	Only a single maximum temperature SHALL be used in combination with an SSCC
4332	Minimum temperature in Fahrenheit	4333	Minimum temperature in Celsius	Only a single minimum temperature SHALL be used in combination with an SSCC
7250	Date of birth	7251	Date and time of birth	Only one date of birth SHALL be used
7256	Full name of person	7253, 7254, 7255, 7259	Family name of person, given name of person and name suffix of person, baby of family name	Either full name of person or a combination of family name of person, given name of person and name suffix of person SHALL be used.
7259	Baby of family name	7253, 7254, 7255, 7256	Family name of person, given name of person, name suffix of person, full name of person	Where the recipient of care identified by a GSRN is a baby, the name of the baby SHALL either be provided through AI (7259) (possibly in conjunction with AI (7258), to handle situations of multiple births) or through the combination of one or more of AIs (7253), (7254), (7255), (7256).
8006	ITIP	01	GTIN	The GTIN SHALL NOT be used in combination with the identification of an individual trade item piece. The GTIN of the trade item to which the individual trade item piece belongs is contained in the element string.
8006	ITIP	37	Count of units contained	The count of units contained SHALL only be used with GTIN of contained trade items or trade item pieces.
8018	GSRN for the recipient	8017	GSRN for the provider	Only one Global Service Relation Number (recipient or provider) SHALL be applied at one time for identification of an individual in a given service relationship
8026	Identification of a trade item piece contained in a logistic unit	02, 8006	GTIN of contained trade items, Identification of an individual trade item piece	Identification of the trade item piece contained in a logistic unit SHALL NOT be used in combination with GTIN of contained trade items or identification of an individual trade item piece.

4.13.2 Mandatory association of element strings

This section defines the element strings that mandate the appearance of another element string on the same physical entity.

✅ **Note**: This does not necessarily mean that the element strings need to appear in the same data carrier. For example, multiple GS1-128 barcode symbols may be used in combination on a GS1 Logistic Label.

The figure below reflects the use case requirements to date. Should future applications arise that require associations they will be added at that time.

Some explanation on figure 4.13.2-1:

- The table is sorted by AI value, with the AI that is the trigger for the rule displayed in the first column. This means that this table cannot be read in both directions. For example, a rule that states AI (17) must be used together with AI (01), does not imply that AI (01) can only be used together with AI (17), since it can also be used with other AIs.

- Multiple AIs may be listed in the first column, separated by commas. This means that the rule applies to all of the listed AIs (element strings).

- The same AI can occur in the first column multiple times, in different rows. This means that depending on the value of the element string different rules need to be applied.

- When multiple AIs are included in the third column, this is always done with an AND, OR or XOR logical operator between them:

  □ AND means that all element strings SHALL appear on the physical entity

  □ OR means that one or a combination of the element strings SHALL appear on the physical entity.

  □ XOR means that one of the element strings SHALL appear on the physical entity and the other element string SHALL NOT.

Figure 4.13.2-1. Mandatory association of element strings

If element string		Then mandatory associated element string	Rule
AI	Designation	AI	
01 with N1 = 0	GTIN of a variable measure trade item scanned at POS	30 OR 3nnn*	The GTIN of a variable measure trade item scanned at POS SHALL occur in combination with: ▪ variable count of items; or ▪ a trade measure Note: Master data will be needed to determine whether the GTIN represents a variable measure trade item scanned at POS. Also see the note below this table.
01 with N1 = 9, 02 with N1 = 9	GTIN of a variable measure trade item not scanned at POS	30 OR 3nnn* OR 8001	The GTIN of a variable measure trade item not scanned at POS SHALL occur in combination with: ▪ variable count of items; or ▪ a trade measure; or ▪ the dimensions of a roll product. Note: The first position of the GTIN is "9" for such trade items. Also see the note below this table.
01 with N1 = 9 ~~or 03~~	GTIN of a custom trade item per section 2.6.8 ~~or Made-to-Order GTIN (03)~~	~~Made-to-Order Variation Number AI~~ (242~~)~~	The GTIN of a custom trade item using AI (01) and indicator digit "9" SHALL be used in combination with the Made-to-Order variation number. Note: The first position of the GTIN is "9" for such trade items. ~~The Made-to-Order variation number MAY also be used with Made-to-Order GTIN using AI (03).~~
02	GTIN of contained trade items	00 AND 37	The GTIN of contained trade items SHALL occur in combination with an SSCC and the count of the trade items.
10	Batch/lot number	01 XOR 02 XOR 03 XOR 8006 XOR 8026 ~~XOR 03~~ ***	Batch/lot number SHALL occur in combination with: ▪ a GTIN; or ▪ a GTIN of contained trade items; or ▪ Identification of a Made-to-Order (MtO) trade item (GTIN): or ▪ an ITIP; or ▪ an ITIP of contained trade item pieces
11, 13, 15, 16, 17	Production date, packaging date, best before date, sell by date, expiration date (of a trade item)	01 XOR 02 XOR 03 XOR 8006 XOR 8026 ***	These dates SHALL occur in combination with: ▪ a GTIN; or ▪ a GTIN of contained trade items; or ▪ Identification of a Made-to-Order (MtO) trade item (GTIN); or ▪ an ITIP; or ▪ an ITIP of contained trade item pieces
12	Due date	8020 AND 415	The due date SHALL occur in combination with the payment slip reference number and the GLN of the invoicing party
17	Expiration date (of a coupon)	255	The expiration date of a coupon SHALL occur in combination with the GCN.