



The Global Language of Business

General Specifications Change Notification (GSCN)

| WR # | GSCN Name | Effective Date |
|--------|---------------------------------|----------------|
| 22-072 | Clarify use of character set 39 | Apr 2022 |

Associated Work Request (WR) Number:

N/A

Background:

Two character sets exist that may be used with certain GS1 Application Identifiers (AIs). Currently only character set 82 is reflected in section 3.2

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| AI | Data Content | Format ⁽¹⁾ | FNC1 required ⁽⁴⁾ | Data title |
|----------------------|--|-----------------------|------------------------------|-----------------|
| 7010 | Production method: AI (7010) | N4+X..2 | (FNC1) | PROD METHOD |
| 7020 | Refurbishment lot ID: AI (7020) | N4+X..20 | (FNC1) | REFURB LOT |
| 7021 | Functional status: AI (7021) | N4+X..20 | (FNC1) | FUNC STAT |
| 7022 | Revision status: AI (7022) | N4+X..20 | (FNC1) | REV STAT |
| 7023 | Global Individual Asset Identifier of an assembly: AI (7023) | N4+X..30 | (FNC1) | GIAI – ASSEMBLY |
| 703s ^(6a) | Number of processor with three-digit ISO country code: AI (703s) | N4+N3+X..27 | (FNC1) | PROCESSOR # s |
| 7040 | GS1 UIC with Extension 1 and Importer index: AI (7040) | N4+N1+X3 | (FNC1) | UIC+EXT |
| 710 | National Healthcare Reimbursement Number (NHRN) – Germany PZN: AI (710) | N3+X..20 | (FNC1) | NHRN PZN |
| 711 | National Healthcare Reimbursement Number (NHRN) – France CIP: AI (711) | N3+X..20 | (FNC1) | NHRN CIP |
| 712 | National Healthcare Reimbursement Number (NHRN) – Spain CN: AI (712) | N3+X..20 | (FNC1) | NHRN CN |
| 713 | National Healthcare Reimbursement Number (NHRN) – Brasil DRN: AI (713) | N3+X..20 | (FNC1) | NHRN DRN |
| 714 | National Healthcare Reimbursement Number (NHRN) – Portugal AIM: AI (714) | N3+X..20 | (FNC1) | NHRN AIM |
| 715 | National Healthcare Reimbursement Number (NHRN) – United States of America NDC: AI (715) | N3+X..20 | (FNC1) | NHRN NDC |
| ... ⁽⁵⁾ | National Healthcare Reimbursement Number (NHRN) – Country "A" NHRN | N3+X..20 | (FNC1) | NHRN xxx |
| 723s ^(6b) | Certification reference: AI (723s) | N4+X2+X..28 | (FNC1) | CERT # s |
| 7240 | Protocol ID: AI (7240) | N4+X..20 | (FNC1) | PROTOCOL |
| 8001 | Roll products - width, length, core diameter, direction, splices: AI (8001) | N4+N14 | (FNC1) | DIMENSIONS |
| 8002 | Cellular mobile telephone identifier: AI (8002) | N4+X..20 | (FNC1) | CMT No |
| 8003 | Global Returnable Asset Identifier (GRAI): AI (8003) | N4+N14[+X..16] | (FNC1) | GRAI |
| 8004 | Global Individual Asset Identifier (GIAI): AI (8004) | N4+X..30 | (FNC1) | GIAI |
| 8005 | Price per unit of measure: AI (8005) | N4+N6 | (FNC1) | PRICE PER UNIT |
| 8006 | Identification of an individual trade item (ITIP) piece: AI (8006) | N4+N14+N2+N2 | (FNC1) | ITIP |
| 8007 | International Bank Account Number (IBAN): AI (8007) | N4+X..34 | (FNC1) | IBAN |
| 8008 | Date and time of production: AI (8008) | N4+N8[N..4] | (FNC1) | PROD TIME |
| 8009 | Optically readable sensor indicator: AI (8009) | N4+X..50 | (FNC1) | OPTSEN |
| 8010 | Component/Part Identifier (CPID): AI (8010) | N4+X..30 | (FNC1) | CPID |
| 8011 | Component/Part Identifier serial number: AI (8011) | N4+N..12 | (FNC1) | CPID SERIAL |
| 8012 | Software version: AI (8012) | N4+X..20 | (FNC1) | VERSION |
| 8013 | Global Model Number (GMN): AI (8013) | N4+X..25 | (FNC1) | GMN |
| 8017 | Global Service Relation Number (GSRN) to identify the relationship between an organisation offering services and the provider of services: AI (8017) | N4+N18 | (FNC1) | GSRN – PROVIDER |

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| AI | Data Content | Format ⁽¹⁾ | FNC1 required ⁽⁴⁾ | Data title |
|----------|---|-----------------------|------------------------------|-------------------|
| 8018 | Global Service Relation Number (GSRN) to identify the relationship between an organisation offering services and the recipient of services: AI (8018) | N4+N18 | (FNC1) | GSRN -- RECIPIENT |
| 8019 | Service Relation Instance Number (SRIN): AI (8019) | N4+N..10 | (FNC1) | SRIN |
| 8020 | Payment slip reference number: AI (8020) | N4+X..25 | (FNC1) | REF No |
| 8026 | Identification of pieces of a trade item (ITIP) contained in a logistic unit: AI (8026) | N4+N14+N2+N2 | (FNC1) | ITIP CONTENT |
| 8110 | Coupon code identification for use in North America (AI 8110) | N4+X..70 | (FNC1) | - |
| 8111 | Loyalty points of a coupon: AI (8111) | N4+N4 | (FNC1) | POINTS |
| 8112 | Positive offer file coupon code identification for use in North America: (AI 8112) | N4+X..70 | (FNC1) | - |
| 8200 | Extended packaging URL: AI (8200) | N4+X..70 | (FNC1) | PRODUCT URL |
| 90 | Information mutually agreed between trading partners: AI (90) | N2+X..30 | (FNC1) | INTERNAL |
| 91 to 99 | Company internal information: AIs (91 - 99) | N2+X..90 | (FNC1) | INTERNAL |

NOTES:

(1): The first position indicates the length (number of digits) of the GS1 Application Identifier. The following value refers to the format of the data content. The following convention is applied:

- n implied decimal point position
- N numeric digit
- X any character in figure [7.11-1 for GS1 AI encodable character set 82](#)
- Y any character in figure [7.11-2 for GS1 AI encodable character set 39](#)
- N3 3 numeric digits, predefined fixed length
- X3 3 characters, fixed length
- N..3 up to 3 numeric digits
- X..3 up to 3 characters in figure [7.11-1 for GS1 AI encodable character set 82](#)
- Y..3 up to 3 characters in figure [7.11-2 for GS1 AI encodable character set 39](#)
- [] enclosed value is an optional component

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(2): If only year and month are available, DD must be filled with two zeroes, except where noted.

(3): The fourth digit of this GS1 Application Identifier indicates the number of decimal places (and in that way the implied decimal point position).

Example:

- 3100 Net weight in kg without a decimal point
- 3102 Net weight in kg with two decimal places

(4): All GS1 element strings that begin with GS1 Application Identifiers not contained in the predefined table shown in figure [7.8.5-2](#) SHALL be separated by a separator character unless this element string is the last one to be encoded in the symbol. For details on the separator character see section [7.8.4](#).

(5) An example to illustrate future additional National Healthcare Reimbursement Numbers (NHRNs). If additional NHRN AIs are required, a request for a new NHRN AI SHALL be made through GSMP.

(6) The fourth digit of this GS1 Application Identifier indicates the sequence number, allowing for multiple occurrences of the AI.