



[Instructions: Section 10.D through 10.F will vary based on commodity groups. On the following page, you will see Option A and Option B. Please delete the option that does not apply to your commodity group.

- Option A should be used for all commodities other than LLINs.
- Option B should be used for LLINs only.]

[Option A Begins:]

D. GHSC-PSM is implementing global standards for product identification, labeling and data exchange as detailed below. Please reference the [Global Standards Technical Implementation Guideline for Global Health Commodities](#) for definitions and information on how to implement this requirement, unless an exception is approved by Chemonics in accordance with these Guidelines.

- (1) *Identification.* GHSC-PSM requires that all global health commodities are identified as followed:
 - (a) The Supplier must assign and provide GHSC-PSM with a Global Trade Item Number (GTIN) for each trade item level of the packaging hierarchy (e.g. pallet, case, inner box, each) for each trade item procured. This data must be provided as soon as possible, but no later than the time of trade item procurement.
 - (b) The Supplier must assign and provide GHSC-PSM with a Global Location Number (GLN) for each contracting entity, invoicing entity, manufacturing location, ship-from location, and pickup location with which GHSC-PSM may transact. The GLNs and associated address data must be provided as soon as possible, but no later than the time of trade item procurement.
- (2) *Labeling.* GHSC-PSM requires that pharmaceuticals, medical devices, sterile kits, and reagents are labeled as follows:
 - (a) *Pharmaceuticals*
 - (1) *Tertiary Packaging – Logistics Units*
 - (i) The minimum GS1 identification keys and application identifiers (AIs) to be included in a GS1-128 barcode, with the applicable human readable interpretation (HRI) printed adjacent:

Logistic Unit that is also a trade item	
Application Identifier	Requirement Date
(00) Serial Shipping Container Code	At the time of trade item procurement
(01) Global Trade Item Number (GTIN)	December 30, 2024
(10) BATCH/LOT	December 30, 2024
(17) EXPIRATION DATE	December 30, 2024

Logistic Unit containing homogenous trade items	
Application Identifier	Requirement Date
(00) Serial Shipping Container Code	At the time of trade item procurement
(02) GTIN of contained trade items	December 30, 2024
(37) Count of contained trade items	December 30, 2024
(10) BATCH/LOT	December 30, 2024
(17) EXPIRATION DATE	December 30, 2024

Logistic Unit containing heterogeneous trade items	
Application Identifier	Requirement Date
(00) Serial Shipping Container Code (SSCC)	At the time of trade item procurement

(2) Tertiary Packaging – Trade Item

- (i) The minimum GS1 identification keys and AIs to be included in a GS1-128 barcode or GS1 DataMatrix, with the applicable HRI printed adjacent:

Homogenous Pack	
Application Identifier	Requirement Date
(01) Global Trade Item Number (GTIN)	At the time of trade item procurement
(10) BATCH/LOT	At the time of trade item procurement
(17) EXPIRATION DATE	At the time of trade item procurement
(21) SERIAL NUMBER	At the time of trade item procurement

Mixed or Partial Pack	
Application Identifier	Requirement Date
(00) SSCC	At the time of trade item procurement

- (ii) Within thirty (30) days of a request by Chemonics, the Supplier will make serial number data for Goods procured under any resulting Order available in a mutually agreed upon format.

(3) Secondary Packaging – Trade Item

- (i) The minimum GS1 identification keys and AIs to be included in a GS1 DataMatrix, with the applicable HRI printed adjacent:

Application Identifier	Requirement Date
(01) GTIN	At the time of trade item procurement
(10) BATCH/LOT	At the time of trade item procurement
(17) EXPIRATION DATE	At the time of trade item procurement
(21) SERIAL NUMBER	At the time of trade item procurement

- (ii) Within thirty (30) days of a request by Chemonics, the Supplier will make serial number data for Goods procured under any resulting Order available in a mutually agreed upon format.

(b) Medical Devices, Sterile Kits, and Laboratory Reagents

(1) Tertiary Packaging – Logistics Units

- (i) The minimum GS1 identification keys and AIs to be included in a GS1-128 barcode, with the applicable HRI printed adjacent:

(ii) Logistic Unit that is also a trade item	
Application Identifier	Requirement Date
(00) Serial Shipping Container Code	At the time of trade item procurement
(01) Global Trade Item Number (GTIN)	December 30, 2024
(10) BATCH/LOT (as applicable)	December 30, 2024
(17) EXPIRATION DATE (as applicable)	December 30, 2024

Logistic Unit containing homogenous trade items	
Application Identifier	Requirement Date
(00) Serial Shipping Container Code	At the time of trade item procurement
(02) GTIN of contained trade items	December 30, 2024
(37) Count of contained trade items	December 30, 2024
(10) BATCH/LOT (as applicable)	December 30, 2024
(17) EXPIRATION DATE (as applicable)	December 30, 2024

Logistic Unit containing heterogeneous trade items	
Application Identifier	Requirement Date
(00) Serial Shipping Container Code	At the time of trade item procurement

(2) Tertiary Packaging – Trade Item

- (i) The minimum GS1 identification keys and AIs to be included in a GS1-128 barcode or GS1 DataMatrix, with the applicable HRI printed adjacent:

Homogenous Pack	
Application Identifier	Requirement Date
(01) GTIN	At the time of trade item procurement
(10) BATCH/LOT (as applicable)	At the time of trade item procurement
(17) EXPIRATION DATE (as applicable)	At the time of trade item procurement

Mixed or Partial Pack	
Application Identifier	Requirement Date
(00) SSCC	At the time of trade item procurement

(3) Secondary Packaging – Trade Item

- (i) The minimum GS1 Identification Key and AI to be included in a GS1-128 barcode or GS1 DataMatrix, with the applicable HRI printed adjacent:

Application Identifier	Requirement Date
(01) GTIN	At the time of trade item procurement
(10) BATCH/LOT (as applicable)	At the time of trade item procurement
(17) EXPIRATION DATE (as applicable)	At the time of trade item procurement

E. Product Master Data

Master data for all pharmaceuticals, medical devices, sterile kits, and reagents, including the GTIN and all relevant requested attribute data, must be provided to GHSC-PSM through the Global Data Synchronization Network (GDSN) as soon as possible, but no later than the time of trade item procurement. To access the *GHSC-PSM Data Synchronization Implementation Guide* and *GHSC-PSM Attribute Guide*, please see <http://ghsupplychain.org/globalstandards>.

F. Transaction and Production Data

For Orders with INCOTERMS other than DAP or DDP, all transaction and production data must be provided to GHSC-PSM through the ARTMIS Logistics Management Information System (LMIS), when implemented, including but not limited to the SSCC, GTIN, batch/lot number, and expiration date. All transaction and production data for orders that are not transmitted via the ARTMIS Logistics Management System (LMIS) with INCOTERMS DAP or DDP must be provided to GHSC-PSM via the Procurement Specialist. Data presented on transaction documents – including but not limited to the shipment packing list, commercial invoice, and advanced ship notice – must align with the identifiers used on the shipping label (i.e. once the Supplier has transitioned to using the GTIN as the primary identifier, this must be used on packing lists as well).

In addition, all product pickup locations must be entered in the Ivalua Supplier Portal module within the Chemonics ARTMIS platform with associated GLN and address information for all INCOTERMS. For entry and approval of a product pickup location, a supplier shall provide all applicable quality related documentations/certifications to GHSC-PSM to ensure compliance with the applicable Good Storage and Distribution Practices related to a product pick location

[Option A Ends]

[Option B Begins:]

D. GHSC-PSM is implementing global standards for product identification, labeling and data exchange as detailed below. Please reference the *Recommended Identification, Capture, and Master Data Sharing Specifications for Long Lasting Insecticidal Nets*¹ (please see <http://ghsupplychain.org/globalstandards>) for definitions and information on how to implement this requirement.

- (1) *Identification.* GHSC-PSM requires that all LLINs are identified as followed:
 - (a) The Supplier must assign and provide GHSC-PSM with a Global Trade Item Number (GTIN) for each trade item included in this subcontract.
 - (b) The Supplier must assign and provide GHSC-PSM with a Global Location Number (GLN) for each contracting entity, invoicing entity, manufacturing location, ship-from location and pickup location with which GHSC-PSM may transact. The GLNs and associated address data must be provided as soon as possible, but no later than the time of trade item procurement.

¹ <http://ghsupplychain.org/TraceNet-Recommendations>

(2) *Labeling.* GHSC-PSM requires that LLINs are labeled as follows:

a. Logistic Unit (e.g. bale)

(iii) The minimum GS1 identification keys and application identifiers (AIs) to be included in a GS1-128 barcode, with the applicable human readable interpretation (HRI) printed adjacent:

Application Identifier	Requirement Date
(00) Serial Shipping Container Code (SSCC)	At the time of trade item procurement
(02) Global Trade Item Number (GTIN) of contained items	At the time of trade item procurement
(37) Count of contained trade items	At the time of trade item procurement
(10) Batch/lot number	At the time of trade item procurement
(11) Production date ²	At the time of trade item procurement

b. Primary pack (e.g. polybag)

1. The minimum GS1 identification keys and AIs to be included in a GS1 DataMatrix, with the applicable HRI printed adjacent:

Application Identifier	Requirement Date
(01) GTIN	At the time of trade item procurement
(10) Batch/lot number	At the time of trade item procurement
(11) Production date ³	At the time of trade item procurement

c. Unit of use (e.g. LLIN)

(i) The minimum GS1 identification keys and AIs to be included in a GS1 DataMatrix, with the applicable HRI printed adjacent:

Application Identifier	Requirement Date
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² This data field indicates the **release date** as determined by the manufacturer represented in YYMMDD format.

³ This data field indicates the **release date** as determined by the manufacturer represented in YYMMDD format.

(01) GTIN	At the time of trade item procurement
(10) Batch/lot number	At the time of trade item procurement
(11) Production date ⁴	At the time of trade item procurement
(21) Serial number	At the time of trade item procurement

- (ii) Within 30 days of a request by Chemonics, the Supplier will make serial number data for goods procured under any resulting Order in a mutually agreed upon format.

E. Product Master Data

Master data for LLINs, including the GTIN and all relevant requested attribute data, must be provided to GHSC-PSM through the Global Data Synchronization Network (GDSN) as soon as possible, but no later than the time of trade item procurement. To access the *GHSC-PSM Data Synchronization Implementation Guide* and *GHSC-PSM Attribute Guide*, please see <http://ghsupplychain.org/globalstandards>.

F. Transaction and Production Data

For Orders with INCOTERMS other than DAP or DDP, all transaction and production data must be provided to GHSC-PSM through the ARTMIS Logistics Management Information System (LMIS), when implemented, including but not limited to the SSCC, GTIN, batch/lot number, and expiration date. All transaction and production data for orders that are not being transmitted via the ARTMIS Logistics Management Information System (LMIS) with INCOTERMS DAP or DDP must be provided to GHSC-PSM via the Procurement Specialist. Data presented on transaction documents – including but not limited to the shipment packing list, commercial invoice, and advanced ship notice – must align with the identifiers used on the shipping label (i.e. once the Supplier has transitioned to using the SSCC and GTIN as the primary identifiers, this must be used on packing lists as well).

In addition, all product pickup locations must be entered in the Ivalua Supplier Portal module within the Chemonics ARTMIS platform with associated GLN and address information for all INCOTERMS. For entry and approval of a product pickup location, a supplier shall provide all applicable quality related documentations/certifications to GHSC-PSM to ensure compliance with the applicable Good Storage and Distribution Practices related to a product pick location

[Option B Ends]

⁴ This data field indicates the **release date** as determined by the manufacturer represented in YYMMDD format.