



DATA SYNCHRONIZATION IMPLEMENTATION GUIDE (DRAFT)

Version 1.0, July 2018

This publication was produced for review by GS1 Global Office (GS1 GO), relevant GS1 member organizations (GS1 MOs) as well as suppliers (including manufacturers, brand owners and exporters etc.) across the world. It was prepared under the strategic cooperation agreement between GS1 China and General Administration of Customs of the People's Republic of China (GAC), regarding the application of GS1 Barcode to Chinese import customs declaration, specifically speaking the GTIN (Global Trade Item Number) information of the imported products to China.

CONTENT

INTRODUCTION.....	3
GAC DATA SYNCHRONIZATION INFORMATION.....	4
GAC'S DATA SYNCHRONIZATION REQUIREMENTS.....	5
SYNCHRONIZATION WORKFLOW.....	5
STEPS TO BEGIN SYNCHRONIZING YOUR DATA WITH GAC.....	6
GAC ATTRIBUTE REQUIREMENTS.....	7
CATEGORIES REQUIRED AT INITIAL STAGE.....	8
APPENDIX 1: GAC ATTRIBUTE Guide.....	9

REVISION HISTORY

Date	Version No.	Description of Change	Author
July 31, 2018	1.0		

INTRODUCTION

In order to better meet the growing needs of the Chinese people for a better life and diversified consumer demand, the Chinese government decided to lower import tariffs of daily consumer goods on a larger scale starting July 1, 2018. These consumer goods include clothing, shoes, household appliances, food, and cosmetics, etc. taking up 20 categories of HS codes. The import tariff rates will be lowered by different levels, and the corresponding imports are expected to increase substantially.

To support the implementation of the policy, the General Administration of Customs (hereinafter referred to as “GAC”) will speed up the promotion of the GS1 standard barcodes application, and provide guidance for importers to gradually apply barcodes in the customs declaration procedures.

The implementation of this measure will make it easier for the Customs to quickly and accurately identify commodities, facilitate the unification of law enforcement, and promote trade facilitation. For enterprises, it can simplify declaration procedures, increase the efficiency of customs clearance, and optimize the business environment.

GAC has planned to adopt and implement the GS1 Global Data Synchronization Network™ (GDSN®) to receive trade item attribute information from overseas suppliers as the basis of the Chinese imported product catalogue in its dedicated system, and then to accurately identify the imported goods through matching the synchronized GTIN information with the barcode declared by importers in the process of customs declaration. For importers, efficient customs clearance can be achieved, and it is expected that the cargo may be released before the arrival of goods.

This document provides the process and methods to be used by GAC and overseas suppliers in achieving the goal of data synchronization.

GAC DATA SYNCHRONIZATION INFORMATION

PRIMARY DATA SYNCHRONIZATION CONTACT

GS1 China

Tel: + (86) 400-7000-690

Email: gac@ancc.org.cn

GAC'S GLOBAL LOCATION NUMBER (GLN) – PUBLISH TO

GAC's production GLN is 6907777435643. Please note that the registered name associated with GAC's GLN is General Administration of Customs, PRC.

GAC'S DATA POOL

GAC's GDSN data pool is GS1 China. To learn more about GS1 China and its services, visit b2b.gds.org.cn or call + (86) 400-7000-690.

GAC'S DATA SYNCHRONIZATION REQUIREMENTS

GAC requires the following for all suppliers participating in the global data synchronization (GDS) process. Suppliers must:

1. Use a certified GDSN data pool. You can find a list of GDSN-certified data pools at <https://www.gs1.org/gdsn/certified-data-pools>.
2. Be prepared to publish the “GDSN mandatory” attributes and “GAC required” attributes. Refer to the GAC Attribute Guide on Appendix 1.
3. Assign a Global Trade Item Number® (GTIN®) to each product exported to China. Please contact a GS1 MO, preferably at your location, at <https://www.gs1.org/contact/overview>.
4. Publish data of all items to GAC with the following 2 approaches:
 - 1) To GAC's GLN: 6907777435643; or
 - 2) To Target Market: China (This is easier and preferable when time is tight.)
5. Establish a process to handle and react to Catalogue Item Confirmation (CIC) messages sent back to you from GAC.

SYNCHRONIZATION WORKFLOW



STEPS TO BEGIN SYNCHRONIZING YOUR DATA WITH GAC

1. Sign up with a GDSN-certified data pool provider if you are currently not a member of a data pool.
 - A. You can find a list of GDSN-certified data pools at <https://www.gs1.org/gdsn/certified-data-pools>.
 - B. Review the attribute guide in Appendix 1 of this document to ensure you can meet GAC's requirements.

2. Load accurate item data, i.e. the Global Trade Item Number (GTIN) and attributes, into your GDSN data pool and ensure it is ready for publication. Contact your data pool provider for any education you might require to complete this step.

3. GAC or Chinese importers will create a subscription to the GTINs of products imported to China.

4. All suppliers need to publish data of all items to GAC's GLN 6907777435643. In case that you don't receive the subscription for a long time, please publish data to Target Market: China.
 - A. Ensure your data is accurate prior to publishing.
 - B. Load all packaging hierarchy levels for all items. (E.g., Each, Inner Box, Case, Pallet.)
 - C. Ensure publication of as many attributes as possible. For more information, see "Attribute Requirements" below and the GAC Attribute Guide at Appendix 1.
 - D. Publish your items with the appropriate Publication Type of "Initial Load" or "New".

5. Manage Catalogue Item Confirmation (CIC) Responses from GAC:
 - A. You will receive a CIC of RECEIVED within hours of GAC receiving your published item. A CIC with a state of "RECEIVED" means that the data has been received and integrated into GAC's back-end systems, but has not been reviewed for accuracy.
 - B. As we further mature our GDSN practice, other CIC responses will be used.

6. Perform ongoing item maintenance through your GDSN-certified data pool.

GAC ATTRIBUTE REQUIREMENTS

The GAC Attribute Guide (refer to Appendix 1) includes all initial priority attributes expected to be provided as relevant on products supplied to GAC. For each attribute, the guide provides the common name, GDSN field name, data type, and a brief definition of the attribute.

GAC prefers immediate publication of all attributes that are readily available rather than delaying publication to retrieve missing attributes. Therefore, if some of the required attributes are not immediately available, publish those that are and add the additional attributes when available.

MANDATORY VS. REQUIRED VS. OPTIONAL

The GAC Attribute Guide identifies the cardinality of each attribute. There are five types:

Attributes Requirements	Alcoholic Beverages	Food/non-alcoholic beverages	Pharma /Beauty /Personal Care /Hygiene	Clothing /Footwear /Luggage /Suitcases /Garment Carriers	Others
GDSN Mandatory: attributes must be populated (according to GDSN rules) in order to load and/or share data via GDSN.	16	16	16	16	16
Required: attributes required by GAC.	16	12	13	17	11
Optional: attributes that are valuable to GAC and should be populated if available, but not required by GAC at this time.	9	11	11	11	10
TOTAL ATTRIBUTES	41	39	40	44	37

CATEGORIES REQUIRED AT INITIAL STAGE

At the initial stage, the categories of goods required to be synchronized by GAC are as follows:

	10 digital HS Code	Commodity Name
1	1901101000	Formula milk powder prepared for infant use, put up for retail sale
2	2202990099	Non-alcoholic beverages, in other packing
3	2203000000	Beer made from malt
4	2204210000	Other wine of fresh grapes, in containers holding 2L or less
5	3004209090	Non-alcoholic beverages, in other packing
6	3304990012	Preparations for the care of the skin, labeled by volume
7	4202210090	Handbags with outer surface of leather or of composition leather
8	4202220000	Handbags with outer surface of plastic sheeting or of textile materials
9	6110200090	Other knitted or crocheted pullovers, cardigans, waistcoats and similar articles of cotton
10	6403990090	Other footwear with uppers of other leather
11	6404199000	Other footwear with uppers of textile materials, outer soles of rubber or plastic
12	8517121090	Other kinds of cordless phone
13	9619001100	Baby diapers
14	2208200090	Other wine of liquor distillation
15	3004320090	Drugs containing corticosteroid hormone, put up in measured doses
16	3004500000	Other medicaments containing vitamins, put up in measured doses
17	3304100091	Other lip make-up preparations marked with weight on the package

18	3506100090	Other products suitable for use as glues or adhesives, put up for retail sale
19	6109100021	Other knitted or crocheted men's or boys' t-shirts, of cotton
20	6203429062	Men's trousers and breeches, of cotton

APPENDIX 1: GAC ATTRIBUTE Guide