



GS1® Global Standards Management Process (GSMP)

Management Level Quarterly Review

Q2 2013 (1 April – 30 June 2013)

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INTRODUCTION

GSMP provides a comprehensive set of methods and rules allowing the GS1 Community and affected Industry groups to submit their needs and lead in the creation of globally agreed standards and guidelines. This report provides a summary of all GSMP activities this quarter.

1. PUBLICATIONS DELIVERED THIS QUARTER

STANDARDS

Components and Parts Standard provides a new GS1 identifier for components and parts, including its representation in barcode and RFID/EPC formats.

eCom Maintenance Release 3 adds 17 new attributes in Order Response.

eCom Warehouse Messages for Warehousing and Logistics Inventory Report is based on the Logistics Interoperability Model (LIM) and includes eCom Messages for Warehousing. These messages meet operational and information interoperability needs for users outsourcing warehousing operations to a Logistic Service Provider.

GDS-GPP Packaging Sustainability Standard supports the sharing of packaging sustainability-related information in an automated and homogenous way. Protecting and preserving products and raw materials as they transit through the supply chain, this standard is critical to the consumer goods industry and will be supported the GS1 Global Data Synchronisation Network (GDSN), used by over 20,000 trading partners.

General Specification Change Notices for GS1 General Specification v13.1 includes updates to:

- reduce confusion and clarify the differences between a Combination Pack and a Bonus Pack
- achieve accurate international reporting of verification results
- align the GS1 verification template with the ISO/IEC standard
- allow the use of GS1 Data Matrix for Global Document Type Identifier (GDTI) for Healthcare
- differentiate packaging material changes and revise the rule to be more globally applicable
- add a global definition of the term National Trade Item Number (NTIN)
- reduce potential misinterpretation of EAN/UPC Symbol heights to include minimum bar heights specification
- change the term “printing density” with “x-dimensions”

Global Trade Item Number (GTIN) Allocation Rules clarify rules for loose Produce and Variable Measure Fresh Food at Point-Of-Sale, removed ambiguity on the use of a ‘logo’ and the requirements when a certification mark is removed, removed ambiguity to expand package report to include weight in addition to count, ensured trading partners understand minor packaging changes have a definition that involves an understanding of other GTIN Allocation Rules and simplified dealing with a price printed on a package

Healthcare GTIN Allocation Rules provide clearer, more consistent guidance on “Level Below the Each” identification and marking for use across the spectrum of GS1 Healthcare sector solutions and no longer allows GTINs to be reused in healthcare products.

Product Image Specification Standard updates for image size, allowance of supporting images that contain props or additional objects and clarifies cropping of images and representation of image size.

GUIDELINES

Fruit and Vegetable Master Data Attribute Implementation Guide provides best practice guidelines for industry-wide adoption of New Item Listing to support companies seeking to electronically exchange fruit and vegetable product information in accordance with GDS Standards.

GS1 Identification Keys in Transportation and Logistics Guideline for the use of GS1 Identification Keys in the Transport and Logistics Sector for all transport modes, including road, rail, air and maritime.

1.1. PUBLICATIONS DELIVERED IN PREVIOUS QUARTER

Product Image Specification updates to format storage option alternatives, improvements to file naming convention position and image code value of the file naming convention, new position code values in naming convention, and require clipping path for outlined images (Mar).

Global Product Classification (GPC) December 2013 Publication expands new bricks for classification in Beer, Packaged Water, After Sun Care, Soup Additives, Sauces and Condiments, Camping, Origin of Wine, Alcoholic Beverages/Pre-mixed Drinks, Herbal Snuff Tobacco, Cleaning and Hygiene, Electronics, and Alternate Meat/Poultry Species. The GPC system gives buyers and sellers a common language for grouping products in the same way, everywhere in the world (Mar).

GS1 General Specification New Version v13.1 incorporates barcode conformance, identification key for global coupon number, identification of patient care caregiver, and additional security in care processes (Mar).

2. WORK REQUEST ACTIVITY

Sixty (60) new Work Requests have been entered this quarter. Work Requests are entered for new standards or modifications to existing standards. The number of Work Requests is reported in several categories:

Table 1. Work Requests submitted for each standard

Standard	2009	2010	2011	2012	2013 ytd
Automatic Identification Data Capture (AIDC) *	25	31	24	45	29
Data Accuracy	5	5	0	3	2
eCom	63	46	50	64	7
EPCglobal	3	23	7	7	0
Global Data Synchronisation	75	119	95	144	36
Global Product Classification	15	33	62	53	25
Global Traceability Standard	4	2	1	2	1
Trusted Source of Data			1	1	0
Other	2	4	7	14	1
Total	192	263	247	333	101

Table 2. Work Requests submitted by category

Category	2009	2010	2011	2012	2013 ytd
Maintenance	158	220	220	298	86
Development	34	43	23	16	7
In Analysis	0	0	4	5	7
Other				14	1
Total	192	263	247	333	101

Table 3. Work Requests submitted by region

Region	2009	2010	2011	2012	2013 ytd
Americas	76	115	101	92	51
Asia Pacific	7	35	14	20	2
Middle East and Africa	0	1	0	0	0
Europe	109	112	132	221	48
Total	192	263	247	333	101

* Find the GS1 regional country list [here](#)

Table 4. Work Requests submitted by member type

Member type	2009	2010	2011	2012	2013 ytd
Member Organisation	123	164	155	211	73
User	15	26	22	29	8
Solution Provider/Data Pool	16	23	48	65	10
Other	38	50	22	28	10
Total	192	263	247	333	101

2.1. WORK REQUEST AGING REPORT

One hundred-eleven (111) Work Requests are open as of 30 June 2013.

Table 5. Work Request aging report

Days open	Under 100	100-200	200-500	Over 500
In analysis	7	1	0	0
GSMP maintenance	46	16	18	0
GSMP development	1	4	8	2
Industry Engagement	1	2	2	3
Total	55	23	28	5

2.2. WORK REQUESTS IN INDUSTRY ENGAGEMENT

- Eight (8) Work Requests are open in Industry Engagement.
- Global Location Number (GLN) Allocation Rule Revision (WR 12-050) Statement of Business Needs approved – in project plan development

Table 6. Work Requests in Industry Engagement

WR #	Topic	Status
13-042	Global Local Code Lists process (LCL)	In analysis
13-014	Enable scanning of Serial Shipping Container Code (SSCC) in GS1-128 barcodes from 8 meters in harsh conditions	In analysis
13-012	Establish a single solution for variable measure trade item identification	In analysis
12-301	Revise SSCC definition to align with Turkey pharma traceability practices	In analysis (delay due to recent changes at the Turkish MoH)
12-126	Enable Network Pedigree	Industry approved (SBN approved) Industry prioritized work to begin Jan 2014
12-050	GLN Allocation rule definitions and use case examples Update	SBN approved and in project planning
11-208	AgroScience	Waiting on industry participation
11-207	AgroScience	

3. PROCESS CHANGE NOTIFICATIONS

Process Change Notifications (PCNs) are used to make changes and additions to the GSMP process. Once approved, they are distributed to the GSMP Community and incorporated into the next version of the *GSMP Manual*. The following PCNs have been approved but have not yet been incorporated into the *GSMP Manual*:

- 12-001 Assigning Application Identifiers
- 13-001 Charter Amendment Process
- 13-002 Clarification of Abstention Votes in GSMP
- 13-003 Length of Community Review Efficiencies Added

4. GSMP WORK GROUPS

GSMP Work Groups are responsible for carrying out GS1 System development, developing GS1 Standards, GS1 Guidelines, and other deliverables that support their deployment. Consistent with the principles of openness and community development, all GSMP Work Groups are open to all GSMP members. There are two kinds of GSMP Work Groups:

- Standards Maintenance Groups (SMG): SMGs have an indefinite lifetime and are responsible for the on-going maintenance / enhancement of one or more existing GS1 Standards or GS1 Guidelines.
- Mission-specific Work Groups (MSWG): MSWGs are formed to do a specific piece of work as described in its Charter, and which disbands when the work is complete. Mission-specific Work Groups are created for most work efforts of substantial scope.

4.1. GSMP WORK GROUPS OVERVIEW

Quarter Summary:

- Zero (0) Call-to-Actions for new MSWGs were issued this quarter. Zero (0) year to date.

Work Group status at end of Q2:

- Six (6) SMGs are active; Barcodes SMG awaits work requests .
- Nine (9) MSWGs are active
- Two (2) MSWGs closed:
 - Level Below the Each MSWG
 - GDS-GPP Sustainability MSWG

4.1.1. DEVELOPMENT PROJECTS OVERVIEW FOR QUARTER

Table 7. Development projects at a glance

GSMP Strategic Projects (*OGSM)	Target	Step 1 Business Need Identified	Step 1B Group Formed	Step 2 Requirements Identified	Step 3 Standard in Development	Step 4 Deployment Materials
AIDC Healthcare Application Standard Updates	Sep '13					
B2C Trusted Source of Data Phase II European Union Food Ingredients Regulations (EUFIR)	Dec '13					
Components and Parts Standard (OGSM Ready for MB Approved)	Nov '12					
Components and Parts Implementation Guide	Dec '13					
eCom Logistics Standards (OGSM MB Approved)	Jun '13					
EPCIS Core Business Vocabulary	Dec '13					
GDS GPP Sustainability (OGSM MB Approved)	Jun '13					
GDS Key Validation	Dec '14					
GDS Major Release 3	Nov '13					
Level Below Each (OGSM MB Approved)	Jun '13					
Pedigree Security, Choreography and Checking Service (OGSM: BRAD in eBallot)	Jun '13					
UHF Air Interface 1 and 2 (OGSM: MB approved)	Jun '13					

OGSM (objectives, goals, strategies and goals)

Legend on-target at risk will not meet target completed

4.1.2. PROJECT UPDATES

AIDC Healthcare Application Standard Updates deliverable #2: healthcare provider participation has declined and may impact the ability for balanced discussions. The United States Federal Drug Administration (US FDA) Unique Device Identification (UDI) rule may impact the GS1 solution if regulators solutions are not in alignment. We are sharing work in process to promote alignment.

B2C Trusted Source of Data Phase II European Union Food Ingredients Regulations (EUFIR): The standard is in ratification. The group remains open to develop the standards and guidelines to implement GS1 B2C Trusted Source of Data for European Union Food Ingredients Regulations. Participation of brand owners and synchronising with GDSN could cause delays of two to three weeks. Low interest in guideline development is under assessment.

Components and Parts Implementation Guide: the standard was ratified in May; the group remains open to develop an implementation guide.

GDSN Key Validation Rule: there was approximately a nine month hold to stagger GDS Community and staff workload. This should not interfere with Business Message Standard (BMS) final eBallot target date.

Pedigree Security, Choreography and Checking Service: group needs suppliers and solution providers participate. To complete on-time, additional face-to-face sessions and resources may be needed.

EPC UHF Air Interface 1 and 2: Intellectual Property (IP) declarations from 2 companies are in legal review and impacting the deliverable timeline, but workarounds have been agreed upon for one of the companies to date. A second call for IP will be scheduled. There is a risk for IP declarations to be submitted.

4.1.3. GSMP DEVELOPMENT WORK GROUP SCORECARDS

Project level scorecards are provided for each development work group in GSMP. They include project description, risks, milestones, accomplishments and status. Monthly updates are available by the 7th day of the month, on our GSMP InSight webpage at www.gs1.org/gsm/scorecards.

4.1.4. STANDARDS MAINTENANCE GROUPS (SMG)

Table 8. Standards Maintenance Groups

Group name	Call-to-action date	Group status
1. BarCodes	15 Apr 2010	inactive due to lack of WR
2. Data Accuracy	15 Apr 2010	working
3. eCom	15 Apr 2010	working
4. Global Data Synchronisation (GDS)	15 Apr 2010	working
5. Global Product Classification (GPC)	15 Apr 2010	working
6. Identification	15 Apr 2010	working
7. Traceability and Event Sharing	26 May 2011	working

4.1.5. MISSION-SPECIFIC WORK GROUPS (MSWG)

Table 9. Mission-specific Work Groups

Group Name	Call to action Date	Group Status
1. AIDC Healthcare Application Standard Updates	23 Feb 2012	working
2. B2C Trusted Source of Data (TSD)	2 Dec 2011	working on Phase II
3. Components and Parts	25-Aug-2011	developing guideline
4. eCom Logistics Standards	23 Jun 2011	group remains open for additional work submission
5. EPC Information Service (EPCIS) 1.1 and Core Business Vocabulary (CBV)	10 Jun 2012	working
6. GDS Key Validation	23 Feb 2012	working
7. GDS Major Release 3	28 Jul 2011	working
8. Pedigree Security, Choreography and Checking Service	16 Aug 2012	working
9. UHF Air Interface 1 and 2	transitioned from EPC	working

5. PARTICIPATION

Participants in GSMP are organisations (companies or other recognised entities); each organisation is represented by one or more individual persons belonging to that organisation. There is no limit to the number of individuals from a single organisation that may participate. Companies not a member of GS1 are non-voting.

- GSMP community member (non-voting)
 - Company has signed GS1 IP Policy
 - Member has joined the GSMP work group in the GS1 Community Room
- GSMP community member (voting)
 - All of the above
 - A member of GS1
- GSMP Group Member
 - Company has signed the GS1 IP Policy
 - Company has signed the group Opt-in Agreement
 - Member has joined the GSMP group in GS1 Community Room

5.1. GSMP MEMBERSHIP

GSMP has 896 individual members, a 3% increase over last quarter. Forty-two (42) are non-voting. Five hundred Sixty (560) users and 336 from Member Organisations (MOs).

GSMP has 363 member companies, 39 are non-voting. Member company participation grew 3% this quarter.

Table 10. Membership growth

	31 Dec 11	31 Mar 12	30 Jun 12	30 Sep 12	31 Dec 12	31 Mar 13	30 Jun 13
Individuals	541	608	678	742	802	867	896
Companies	245	268	284	315	332	351	363

Table 11. Individual membership by interest category

Interest category	# of participants
Distributor/Group Purchasing	18
GS1 Member Organisation	336
Manufacturer	194
Other	79
Retailer/Hospital(13)	97
Solution Provider	172
Total	896

Table 12. Member companies by interest category

Interest category	# of companies
Distributor/Group Purchasing	11
GS1 Member Organisation	44
Manufacturer	96
Other	52
Retailer/Hospital(11)	49
Solution Provider	111
Total	363

Table 13. Member companies by region

Region	# of companies
Asia Pacific	31
Europe	169
Middle East and Africa	7
The Americas	156
Total	363

5.2. VOTING PARTICIPATION

Each company/organisation has one vote in GSMP, regardless of the number of participating individuals representing them. GSMP requirements and standards are approved by Community eballots. Each eballot requires approximately 12 votes with additional minimum requirements of supply chain role votes (unless a variation exists for the work effort). The average number of votes per ballot this quarter was 20, consistent with last quarter.

5.3. EVENT ATTENDANCE

GS1 hosts two physical meetings every year for the GSMP community to collaborate face-to-face on industry needs and the development of GS1 Standards. This meeting is called the GS1 Standards Event. A summary of attendance is shown in the charts below.

Table 14. GS1 Standards Event attendance by member

By individual	Apr '10 Orlando	Sep '10 Amsterdam	Apr '11 Brooklyn	Sep '11 Cologne	Mar '12 Brooklyn	Oct '12 Dublin	Mar '13 Dallas
Member Organisations	79	129	84	122	103	112	95
End Users	70	85	59	58	42	56	49
Solution Providers	23	48	39	39	25	31	36
Affiliates (Academia, Assoc., Gov.)	3	21	13	7	5	12	10
Global Office Staff	42	50	50	51	49	49	53
Totals	217	333	245	277	224	260	243

Table 15. GS1 Standards Event attendance by organization

By organisation	Apr '10 Orlando	Sep '10 Amsterdam	Apr '11 Brooklyn	Sep '11 Cologne	Mar '12 Brooklyn	Oct '12 Dublin	Mar '13 Dallas
Member Organisations	18	30	24	30	26	28	26
End Users	35	61	39	43	27	43	38
Solution Providers	21	36	27	26	20	23	29
Affiliates	2	13	10	6	5	9	7
Totals	76	140	100	105	78	103	100



Note: Apr '10 attendance was low due to travel restrictions caused by volcanic activity in Iceland

6. QUALITY

The GSMP defines quality as the entire process employed to ensure that all GS1 Standards are user driven, globally applicable, royalty-free (to the best of our ability) and ultimately meet the needs and requirements defined by its members.

6.1. DUE PROCESS

All GSMP groups are expected to follow the processes and procedures specified in the *GSMP Manual*. A community solutions eBallot is used to confirm community consensus to progress a draft standard, or other GSMP deliverable.

6.2. CONSENSUS

Decision-making is achieved through consensus, which is defined as approval without sustained opposition.

Below are measures of due process and consensus in the GSMP:

- Zero (0) due process infractions
- Thirty (37) eballots were approved this quarter; seven were approved with “no votes”
- Eight-one percent (81%) of ballots were approved unanimously, down from 98% last quarter
- Seven hundred thirty-four (734) total yes votes were cast this quarter with 18 total ‘no votes’
 - Ninety-eight percent (98%) of votes were affirmative, down from 99 the previous quarter

6.3. SATISFACTION

GS1 issues several surveys to measure satisfaction with GSMP. An annual survey sent to members, an annual sent to Member Organisations, and a survey sent to event attendees. Below are the results from all three surveys.

6.3.1. GSMP MEMBER SATISFACTION SURVEY

GSMP favourable results have been growing for last three years. Below are the results for the March 2013 survey. Responding to the survey were 130 of 867 members. Overall the strong points were overall satisfaction and satisfaction with GSMP staff. Weak points were the efficiency of the process.

Table 16. Overall GSMP Member Satisfaction Survey

Questions	%favourable / %unfavourable	
	2012	2013
Overall satisfaction with GSMP	n/a	66/10
Satisfaction with GSMP staff	80/1	84/6
Efficiency of process	49/15	44/19

6.3.2. GSMP EVENT SATISFACTION SURVEY

The GS1 Standards Event took place March 18-22 in Dallas, Texas, U.S.A. Attending the event were 243 individuals representing 100 companies and organisations from 25 countries. It was a memorable site each

evening as our GS1 logo lit up the skyline of Dallas. By day, participants actively collaborated to drive development of standards, industry guidelines and future roadmaps. For a report of accomplishments, see the Work Group Report on the post event website: www.gs1.org/events/2013/dallas/post-event/welcome



Table 17. Standards Event Satisfaction Survey

Questions	% favourable / % unfavourable
Overall satisfaction with the event	89/2
Event facilities	95/3
Agenda	79/4
Work groups you attended	87/3
Work groups facilitator	84/4

6.3.3. GS1 MEMBERS ORGANISATION SATISFACTION SURVEY

GS1 issues an annual survey to all GS1 Member Organisations (MOs) to rate their satisfaction with GSMP. GSMP favourable results have been growing for last three years. Below are the results for the March 2013 results. Ninety-two (92) MOs responded to the survey.

Table 18. MO Satisfaction Survey

	%favourable / %unfavourable		
	2013	2012	2011
GSMP	61/1	57/5	51/5



Note: GSMP favourable responses are 61%, up from 57% last year

6.3.4. WORK ORDER ON-TIME PERFORMANCE

Work Requests are the entry point into the GSMP process to request new standards or modify existing standards. Work Requests follow the process and procedures laid out in the GSMP Manual for approval and development. The time it takes for GSMP projects to be processed are measured below.

6.3.5. MAINTENANCE ON-TIME PERFORMANCE

A Work Order is categorised as maintenance if it is a single or a group of small changes to an existing standard or guideline that can be handled by a standing committee. Examples: errata, new EDI code values, new symbol placement rules, GDSN Validation Rules. Maintenance Type 1 is considered on-time if it is completed in or under 180 days; Maintenance Type 2 is considered on-time if completed in or under 365 days. Maintenance on-time performance is measured from the submission date to the GSMP work complete date and ready for ratification (if applicable).

Ninety-one percent (91%) of Maintenance Work Requests closed on-time as of 30 June 2013, consistent with last quarter. The on-time close rate by technology is detailed below:

Table 19. Maintenance on-time performance

SMG	Work completed	Closed on-time	Exceeded benchmark	% Closed on-time	Withdrawn or not approved	Remains open
AIDC	38	25	13	66%	13	30
Data Accuracy	4	4	0	100%	0	1
eCom	76	65	11	86%	18	6
GDS	183	182	1	99%	14	20
GPC	58	50	8	86%	21	21
Traceability and Event Sharing	1	0	1	0%	2	1
Totals	360	326	34	91%	68	79

6.3.6. DEVELOPMENT ON-TIME PERFORMANCE

A Work Order is categorised as development if it involves creation of a new standard/guideline or significant change to existing standard/guideline. Examples: extension to GDSN, a new EPCglobal High Frequency (HF) Air Interface Standard, an enhancement to the EPCIS standard to include aggregation layers, a new bar code symbology, a new Business Message Standard. Development work is on-time if the work is completed in or

under the estimated time to complete. The estimated completion date is defined in the project plan at the start of the development stage.

A work effort is considered on-time if the work completes within 30 days of its targeted delivery date.

Table 20. Development on-time performance

Work effort	Original completion date	GS1 Management Board ratified date	Status
Level Below Each (OGSM: SBN approved)	30 Jun 2013	12 Jun 2013	on-time
Components and Parts (OGSM: ready for MB approval)	30 Nov 2012	20 May 2013	on-time
eCom Logistics Standards Warehousing Phase II Messages (OGSM: MB approved)	30 Jun 2013	12 Jun 2013	on-time
GDS GPP Sustainability (OGSM: MB approved)	30 Jun 2013	9 Jul 2013	on-time



Note: on-time if the work completes within 30 days of its targeted delivery date

7. GSMP GOVERNANCE GROUPS

The Board Committee for Standards (BCS) is the governing body of GSMP. The GSMP organisation structure includes BCS advisory groups to aid in the leadership and operation of GSMP. Collectively these are simply referred to as “governance groups.

7.1. BOARD COMMITTEE FOR STANDARDS (BCS) MEMBERS

Volker Zeiner, B. Braun

Miguel Lopera, GS1

Maria Palazzolo, GS1 Australia – Chairperson

Art Smith, GS1 Canada

Pierre Georget, GS1 France

Elzbieta Halas, GS1 Poland

Bernie Hogan, GS1 US

Lori Bigler, J.M. Smucker Co.

Antonius Kromwijk, Nestle

Juan Antonio Sanfeliu, Manufacturas Antonio Gassol

Gerd Wolfram, METRO AG

7.2. PROCESS OVERSIGHT COMMITTEE (POC) MEMBERS

Pat Vessey, Best Buy

Hanjoerg Lerch, METRO AG - Co-Chair

Robin Kidd, Nestle

Steve Robba, 1 Worldsync

Ron Moser, Wal-Mart

Steven Pereira, GS1 Australia

Mike Sadiwnyk, GS1 Canada – Co-Chair

Natascha Rossner, GS1 France

Klaus Foerderer, GS1 Germany

Marco Belanos, GS1 Mexico

Loek Boortman, GS1 Netherlands

Fiona van der Linde, GS1 South Africa

Mary Wilson, GS1 US

7.3. TECHNICAL STANDARDS COMMITTEE (TSC) MEMBERS

Steve Halliday, High Tech Aid – Co-Chair

Chris Diorio, Impinj

7.4. ARCHITECTURE GROUP MEMBERS

John Terwilliger, Abbott Laboratories

Mark Harrison, Auto-ID Lab Cambridge

Junyu Wang, Auto-ID Lab Fudan
Josef Preishuber-Pflügl, CISC
Tony Zhang, FSE Inc.
Ken Traub, Ken Traub Consulting
Jens Kungl, MGI METRO
Vera Feuerstein, Nestlé – Co-Chair
Robert Abate, Wal-Mart - New member
Fred Kempkes, Unilever – New member
Sue Schmid, GS1 Australia – Co-Chair
Eugen Sehorz, GS1 Austria
Kevin Dean, GS1 Canada
Xavier Barras, GS1 France
Andreas Fuessler, GS1 Germany
KK Suen, GS1 Hong Kong
Roberto Matsubayashi, GS1 Brasil
Hein Gorter de Vries, GS1 Netherlands
Kunle Oye-Igbemo, GS1 Nigeria
Pere Rosell, GS1 Spain
Staffan Olsson, GS1 Sweden
Andrew Osborne, GS1 UK
David Buckley, GS1
Henri Barthel, GS1 – Co-chair
Sean Lockhead, GS1

8. GSMP INSIGHT (REPORTING) DOCUMENTS AND CONTACT US

Access this document and other GSMP InSight (reporting) documents at this website: www.gs1.org/gsm/insight

Please Eileen Harpell with your questions or suggestions: Eileen.Harpell@GS1.org .



9. JOIN GSMP

To get more information about GSMP go to www.gs1.org/gsmg

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