



**GS1 Global Standards Management
Process (GSMP)
Management Level Quarterly Review**
Summary of GSMP Activities: Q1 2013



Table of Contents

1. Publications	3
1.1. Key achievements this quarter	3
2. Work Request activity	3
3. Process Change Notifications (PCN's)	4
4. GSMP Working Groups	4
4.1. GSMP Working Groups overview	5
4.2. Development projects overview at year end	5
4.3. GSMP development Working Group scorecards	6
4.4. Standards Maintenance Groups (SMGs) Operating	6
4.5. Mission-specific Working Groups (MSWGs) Operating	7
4.6. Work Request aging report	7
5. Work Requests in Industry Engagement	8
6. Participation	8
6.1. Membership	8
6.1.1. GSMP member participation model:	8
6.2. Voting participation	9
6.3. Event attendance	10
7. Quality	10
7.1. Due process and consensus	10
7.2. Satisfaction	11
7.2.1. GSMP member satisfaction survey	11
7.2.2. GSMP event attendee satisfaction survey	11
7.2.3. GS1 Member Organisation satisfaction survey	13
7.3. Work-Order on-time performance	13
7.3.1. Maintenance on-time performance	13
7.3.2. Development on-time performance	14
8. GSMP Governance Groups	14
8.1. Board Committee for Standards (BCS) Members	14
8.2. Process Oversight Committee (POC) Members	14
8.3. Technical Standards Committee (TSC) Members	15
8.4. Architecture Group Members	15
9. GSMP InSight documents and contact us	15

1. Publications

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.

1.1. Key achievements this quarter

Updates to Standards:

- **Product Image Specification:**
 - Updates to format storage option alternatives (Mar)
 - Improvements to file naming convention position (Mar)
 - Improvements to Image code value of the file naming convention (Mar)
 - New position code values in naming convention (Mar)
 - Require clipping path for outlined images (Mar)

- **Global Product Classification (GPC) December 2013 Publication:** New bricks to expand 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 & 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:** The GS1 General Specifications is the core standards document describing how bar codes and identification keys should be used to comply with GS1 AIDC Standards. Updates incorporated are bar code conformance, identification key for global coupon number, identification of patient care caregiver, additional security in care processes.

2. Work Request activity

Forty-one (41) 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 are reported in several ways:

of Work Request submitted for each GS1 Standard

Standard	2009	2010	2011	2012	2013 ytd
Automatic Identification Data Capture (AIDC) *	25	31	24	45	12
Data Accuracy	5	5	0	3	1
eCom	63	46	50	64	4
EPCglobal	3	23	7	7	1
Global Data Synchronisation	75	119	95	144	12
Global Product Classification	15	33	62	53	9
Global Traceability Standard	4	2	1	2	1
Trusted Source of Data			1	1	
Other	2	4	7	14	1
Total	192	263	247	333	41

* includes Bar codes, Identification

of Work Requests categorized as maintenance or development

Category	2009	2010	2011	2012	2013 ytd
Maintenance	158	220	220	298	34
Development	34	43	23	16	5
In Analysis	0	0	4	5	1
Other				14	1
Total	192	263	247	333	41

of requests entered by region

Regional Input	2009	2010	2011	2012	2013 ytd
Americas	76	115	101	92	25
Asia Pacific	7	35	14	20	1
Middle East & Africa	0	1	0	0	0
Europe	109	112	132	221	15
Total	192	263	247	333	41

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

of requests entered by member type

Member Type Input	2009	2010	2011	2012	2013 ytd
Member Organisation	123	164	155	211	34
User	15	26	22	29	6
Solution Provider/Data Pool	16	23	48	65	
Other	38	50	22	28	1
Total	192	263	247	333	41

3. Process Change Notifications (PCN's)

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

1. [12-001 Assigning Application Identifiers](#)
2. [13-001 Charter Amendment Process](#)
3. [13-002 Clarification of Abstention Votes in GSMP](#)
4. [13-003 Length of Community Review Efficiencies Added](#)

4. GSMP Working Groups

GSMP Working 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 Working Groups are open to all GSMP members. There are two kinds of GSMP Working Groups:

Standards Maintenance Groups (SMG): SMGs have indefinite lifetime, are responsible for the on-going maintenance and enhancement of one or more existing GS1 Standards or GS1 Guidelines.

Mission-specific Working 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 Working Groups are created for most work efforts of substantial scope.

4.1. GSMP Working Groups overview

Quarter Summary:

- Zero (0) Call to Actions for new MSWG's were issued this quarter
- The GPP Sustainability and GDS Key Validations MSWG's launched

Working Group status at end of Q1:

- Six (6) Standards Maintenance Groups (SMGs) are active, Barcodes SMG awaits work requests (Traceability and Event Sharing SMG launched)
- Nine (9) Mission-specific Working Groups (MSWGs) are active
- Two (2) MSWGs completed their work and are in ratification this quarter:
 - The Level Below Each MSWG
 - Components and Parts MSWG
- Trusted Source of Data MSWG completed Phase I last quarter and the group is continuing with Phase II

4.2. Development projects overview at year end

GSMP Strategic Projects	Target Completion Date	Overall Project Risk	Step 1	Step 1B	Step 2	Step 3	Step 4
			Business Need Identified	Group Formed	Requirements Identified	Standard in Development	Deployment Materials
AIDC Healthcare Application Standard Updates	Sep '13	USFDA UDI Rule Alignment	[Progress bar]				
B2C Trusted Source of Data	Dec '13	Brand Owner Participation	[Progress bar]				
Components & Parts <small>(OGSM: Ready for MB approval)</small>	Nov '12	Ratification	[Progress bar]				
eCom Logistics Standards <small>(OGSM: MB approved)</small>	Jun '13	Participation	[Progress bar]				
EPCIS Core Business Vocabulary	Dec '13		[Progress bar]				
GDS GPP Sustainability <small>(OGSM: MB approved)</small>	Jun '13	Vitrual ratification may be required	[Progress bar]				
GDS Key Validation	Dec-14		[Progress bar]				
GDS Major Release 3	Jun '13	Delivery Date Modification	[Progress bar]				
Level Below Each <small>(OGSM: SBN approved)</small>	Jun '13		[Progress bar]				
Network Centric Pedgree <small>(OGSM: SBN approved)</small>	Mar '13	consensus on project timeline by Industry	[Progress bar]				
Pedgree Security, Choreography and Checking Service <small>(OGSM: BRAD in eBallot)</small>	Jun '13	dependency Network Centric Pedgree	[Progress bar]				
UHF Air Interface 1&2 <small>(OGSM: MB approved)</small>	Jun '13	IP Declarations	[Progress bar]				

Legend	On Track	Delivered/Complete	Minor Risk	Significant Risk
--------	----------	--------------------	------------	------------------

Development projects risks and issues:

- **AIDC Healthcare Application Standard Updates:** the USFDA Unique Device Identification (UDI) rule may impact the GS1 solution if regulators solution is not in alignment. We are sharing work in process to promote alignment.
- **B2C Trusted Source of Data:** the Trusted Source of Data Standard was delivered last quarter. This project is in phase II to develop the standards and guidelines to implement GS1 B2C Trusted Source of Data for European Union Food Ingredients Regulations.
- **Components & Parts:** the Board Committee for Standards (BCS) ratification vote that was not unanimous, therefore ratification reverts to the GS1 Management Board. It will be presented at the May 2013 meeting.
- **GDS Sustainability Metrics Global Packaging:** four intellectual property (IP) contributions are pending. The work group requires additional time to reconcile all metrics. Virtual ratification will be required to meet the OGSM delivery date.
- **GDSN Major Release Version 3:** the group added an extra 30 days to the community review period. This has impacted the original delivery date of the ratification. The new ratification date is November 2013. The eBallot of the standard will be complete in June 2013.
- **Network Centric Pedigree:** the Statement of Business Need (SBN) has been approved by GS1. The industry is working towards consensus on the project timeline.
- **Pedigree Security, Choreography & Checking Service:** the Business Requirements Analysis (BRAD) deliverable may be impacted if Network Centric Pedigree is integrated into this work effort. Suppliers and solution providers are needed.
- **EPC UHF Air Interface 1 & 2:** first round IP declarations and workarounds are impacting the timeline. There is a need for a second IP review which will require additional time.

4.3. GSMP development Working Group scorecards

Project level scorecards are provided for each development working 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/gsmg/scorecards.

4.4. Standards Maintenance Groups (SMGs) Operating

Group name	Call-to-action date	Group status
1. Bar Codes	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

4.5. Mission-specific Working Groups (MSWGs) Operating

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	In ratification
4. eCom Logistics Standards	23 Jun 2011	Working
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-GPP Sustainability	10 Jun 2012	Working
8. GDS Major Release 3	28 Jul 2011	Working
9. Level Below Each	26-May-2011	In ratification
10. Pedigree Security, Choreography and Checking service	16 Aug 2012	Working
11. UHF Air Interface 1 and 2	Transitioned from EPC	Working

4.6. Work Request aging report

One hundred-eleven (111) Work Requests are open as of 31 March 2013. Eight (8) are process change notifications and are not reflected below

Days open	Under 100	100-200	200-500	Over 500
In Analysis	2	0	0	0
GSMP Maintenance	26	27	21	1
GSMP Development	2	2	4	9
Industry Engagement	3	2	2	2

5. Work Requests in Industry Engagement

Nine (9) Work Requests are in Industry Engagement as of 31 March 2013

WR number	Topic	Status
13-014	Enable scanning of SSCC in GS1-128 barcodes from 8 meters in harsh conditions	In analysis
13-013	Create a standard solution for direct part marking, independent of product category	In analysis
13-012	Establish a single solution for variable measure trade item identification	In analysis
12-349	Develop process and documents to support the Business to Government (B2G) use of GDSN and GS1 Standards	In industry approval (SBN review)
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) In /Project plan creation
12-050	GLN Allocation rule definitions and use case examples update	In Statement of Business Need Development
11-208	AgroScience	Waiting on industry participation
11-207	AgroScience	Waiting on industry participation

6. 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.

6.1. Membership

6.1.1. GSMP member participation model:

- GSMP community member (non-voting)
 - ✓ Company has signed GS1 IP Policy
 - ✓ Member has joined the GSMP group in 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

GSMP has 867 individual members, an 8% increase over last quarter. Fifty-two (52) are non-voting. Five hundred thirty-eight (538) users and 329 from Member Organisations (MOs)

GSMP has 351 member companies, forty-one (41) are non-voting, a 6% increase over last quarter.

Membership Growth:

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

Individual Membership by Interest Category

Interest Category	# of Participants
Distributor/Group Purchasing	17
GS1 Member Organisation	329
Manufacturer	185
Other	79
Retailer/Hospital(13)	95
Solution Provider	162
Total	867

Member Companies by Interest Category

Interest Category	# of Companies
Distributor/Group Purchasing	11
GS1 Member Organisation	44
Manufacturer	93
Other	50
Retailer/Hospital(11)	48
Solution Provider	105
Total	351

Member Companies by Region

Region	# of Companies
Asia Pacific	29
Europe	164
Global (1WorldSync)	1
Middle East & Africa	7
The Americas	150
Total	351

6.2. 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, down from 23 last quarter.


6.3. 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.

GS1 Standards Event Attendance

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

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

7. 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.

7.1. Due process and consensus

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.

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
- Forty-five (45) eballots were approved unanimously this quarter; 5 were approved with “no votes”
 - Ninety percent (90%) approved unanimously, consistent with last quarter
- Eight hundred ninety-eight (898) yes votes were cast this quarter with 6 ‘no votes’
 - Ninety-nine percent (99%) of votes were affirmative, consistent with the previous quarter

7.2. Satisfaction

7.2.1. GSMP member satisfaction survey

GSMP issues an annual survey to all GSMP members to rate their satisfaction with the GSMP and staff. Survey results for the fiscal year 1 July 2011 – 30 June 2012 are summarised below.

Sixty-six (66) individual members responded to this survey, consistent with last year.

	Dissatisfied	Fairly satisfied	Neutral	Satisfied	Very satisfied
Staff	1	0	13	37	15
Staff %	2%	0%	20%	56%	23%
Efficiency	1	9	24	29	3
Efficiency %	2%	14%	36%	44%	5%

Summary:

Twenty percent (20%) of the respondents were neutral on the performance of GSMP staff, while 79% of respondents rated the level of service received from GSMP staff as satisfied to very satisfied.

Thirty-six percent (36%) of respondents were neutral on the efficiency of their business need moving through the GSMP, while 49% rated the level of efficiency as satisfied to very satisfied.

7.2.2. GSMP event attendee 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: <http://www.gs1.org/events/2013/dallas/post-event/welcome>



GS1 Standards Event Dallas Satisfaction Survey:

GS1 issues an event satisfaction survey after each GS1 Standards Event. A summary of survey results of the event held in Dallas, TX. March 2013 is provided below.

1. How satisfied were you with the GS1 Standards Event in Dallas?				
Dissatisfied	Fairly dissatisfied	Neutral	Satisfied	Very satisfied
0%	2%	9%	58%	31%

2. How satisfied were you with the event facilities?				
Dissatisfied	Fairly dissatisfied	Neutral	Satisfied	Very satisfied
3%	0%	3%	46%	49%

3. Overall, how satisfied were you with the week's agenda?				
Dissatisfied	Fairly dissatisfied	Neutral	Satisfied	Very satisfied
1%	3%	17%	55%	24%

4. How satisfied were you with the working groups you attended?				
Dissatisfied	Fairly dissatisfied	Neutral	Satisfied	Very satisfied
3%	0%	10%	33%	54%

6. How satisfied were you with the performance of your working group facilitator?				
Dissatisfied	Fairly dissatisfied	Neutral	Satisfied	Very satisfied
1%	3%	12%	51%	33%

GS1 STANDARDS EVENT AUTUMN 2013

Save the date

7 - 11 October
Lisbon, Portugal
Corinthia Hotel




7.2.3. GS1 Member Organisation satisfaction survey

GS1 issues an annual survey to all GS1 Member Organisations (MOs) to rate their satisfaction with GSMP.

Below are the results for the fiscal year 1 July 2011 – 30 June 2012; 87 MOs responded to the survey:

Very dissatisfied	Fairly dissatisfied	Neutral	Fairly satisfied	Very satisfied
0%	5%	38%	36%	22%

 **Note:** GSMP favourable responses at 57% are up from 51% last year

7.3. 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.

7.3.1. 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).

Eighty-eight percent (88%) of Maintenance Work Requests closed on-time as of 31 December 2012, consistent with last quarter. The on-time close rate by technology is detailed below:

SMG	Total closed	Closed on-time	Exceeded benchmark	% Closed on-time	Withdrawn or not approved	Remain open
AIDC	35	22	13	63%	11	33
Data Accuracy	3	3		100%		1
eCom	87	75	12	86%	17	7
EPC						2
GDS	183	181	2	99%	12	17
GPC	69	62	7	90%	21	16
Traceability & Event Sharing	3	2	1	67%	2	1
Totals	380	345	35	91%	35	77

7.3.2. 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. All develop work is on-going for this quarter.

8. GSMP Governance Groups

8.1. Board Committee for Standards (BCS) Members

1. Volker Zeiner, B. Braun
2. Joe Spagnoletti, Campbell Soup Co.
3. Miguel Lopera, GS1
4. Maria Palazzolo, GS1 Australia – Chairperson
5. Art Smith, GS1 Canada
6. Pierre Georget, GS1 France
7. Elzbieta Halas, GS1 Poland
8. Bernie Hogan, GS1 US
9. Lori Bigler, J.M. Smucker Co.
10. Mike Rose, Johnson & Johnson
11. Antonius Kromwijk, Nestle
12. Juan Antonio Sanfeliu, Manufacturas Antonio Gassol
13. Gerd Wolfram, METRO AG

8.2. Process Oversight Committee (POC) Members

1. Pat Vessey, Best Buy
2. Ron Bone, McKesson
3. Hanjoerg Lerch, METRO AG - Co-Chair
4. Robin Kidd, Nestle

5. Steve Robba, 1 Worldsync
6. Ron Moser, Wal-Mart
7. Steven Pereira, GS1 Australia
8. Mike Sadiwnyk, GS1 Canada – Co-Chair
9. Natascha Rossner, GS1 France
10. Klaus Foerderer, GS1 Germany
11. Marco Belanos, GS1 Mexico
12. Loek Boortman, GS1 Netherlands
13. Fiona van der Linde, GS1 South Africa – **New member**
14. Mary Wilson, GS1 US

8.3. Technical Standards Committee (TSC) Members

1. Steve Halliday, High Tech Aid – Co-Chair
2. Chris Diorio, Impinj

8.4. Architecture Group Members

1. John Terwilliger, Abbott Laboratories
2. Mark Harrison, Auto-ID Lab Cambridge
3. Junyu Wang, Auto-ID Lab Fudan
4. Josef Preishuber-Pflügl, CISC
5. Tony Zhang, FSE Inc.
6. Ken Traub, Ken Traub Consulting
7. Jens Kungl, MGI METRO
8. Vera Feuerstein, Nestlé – Co-Chair
9. Robert Abate, Wal-Mart - **New member**
10. Fred Kempkes, Unilever – **New member**
11. Sue Schmid, GS1 Australia – Co-Chair
12. Eugen Sehorz, GS1 Austria
13. Kevin Dean, GS1 Canada
14. Xavier Barras, GS1 France
15. Andreas Fuessler, GS1 Germany
16. KK Suen, GS1 Hong Kong
17. Roberto Matsubayashi, GS1 Brasil
18. Hein Gorter de Vries, GS1 Netherlands
19. Kunle Oye-Igbemo, GS1 Nigeria
20. Pere Rosell, GS1 Spain
21. Staffan Olsson, GS1 Sweden
22. Andrew Osborne, GS1 UK
23. David Buckley, GS1
24. Henri Barthel, GS1 – Co-chair
25. Sean Lockhead, GS1

9. GSMP InSight documents and contact us

- Access this document and other GSMP InSight documents at this website: www.gs1.org/gsmp/insight
- Please Eileen Harpell with your questions or suggestions: Eileen.Harpell@GS1.org