



**GS1 Global Standards Management  
Process (GSMP)  
Management Level Quarterly Review**  
Summary of GSMP Activities:  
April - June 2012



# Table of Contents

<b>1. Publications</b>	<b>3</b>
1.1. Key achievements this quarter	3
1.2. Calendar year's key achievements previously reported	4
<b>2. Work in progress</b>	<b>4</b>
2.1. Work Request activity	4
2.2. Working Groups	5
2.2.1. Strategic projects overview	5
2.2.2. GSMP Working Group Scorecards	7
2.2.3. Standards Maintenance Groups (SMGs)	7
2.2.4. Mission Specific Working Groups (MSWGs)	7
2.2.5. Working Groups initiated with calls-to-action year to date	8
2.2.6. Working Groups aging report	8
2.2.7. Work Requests in Industry Engagement	8
<b>3. Participation</b>	<b>9</b>
3.1. Membership	9
3.2. Voting participation	9
3.3. Event attendance	9
<b>4. Quality</b>	<b>10</b>
4.1. Due process and consensus	10
4.2. Standards adoption	11
4.3. Satisfaction	11
4.3.1. GSMP member satisfaction survey	11
4.3.2. GSMP event attendee satisfaction survey	11
4.3.3. GS1 Member Organisation satisfaction survey	12
4.4. Work-Order on-time performance	12
4.4.1. Maintenance on-time performance	12
4.4.2. Development on-time performance	13
4.5. GSMP Governance Groups	14
4.5.1. Board Committee for Standards (BCS) Members	14
4.5.2. Process Oversight Committee (POC) Members	14
4.5.3. Technical Standards Committee (TSC) Members	14
4.5.4. Architecture Group Members	14
<b>5. GSMP InSight documents and contact us</b>	<b>15</b>

# 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

- **GS1 XML Major Release standard version 3.0:** Additions and improvements include new Transport & Logistics Business Message Standards, new Product Recall Business Message Standards, enhancement of existing GS1 XML messages and simplified XML (Mar 2012)\*
- **National Healthcare Reimbursement Number (NHRN):** An increasing number of countries are now pursuing initiatives to improve patient safety, prevent counterfeits, implement track/trace, and build national registries for healthcare items. Product identification is a core requirement, foundational for these initiatives. In some countries there are national numbering schemes for pharmaceutical product identification used to facilitate reimbursement processes and that are embedded within regional IT systems, business processes and legislation. These numbering schemes present challenges to move to global identification via GTIN use. To address global supply chain partner business needs for application of national numbers, a new GS1 Application Identifier for use with national numbers, the “National Healthcare Reimbursement Number” (NHRN) Application Identifier (AI) was created. With this new AI, it is possible to associate the national number with the GTIN in a GS1 compliant way, allowing a GTIN and national number to be held in the same bar code symbol (Mar 2012)\*

\* Not reported in first quarter report

### Delivered in Q2 of 2012

- **Global Coupon Number (AI 255):** Approval of a new key for coupons which can be used globally and serialized. (Jun 2012)
- **Digital Coupon Management Standard:** Provides business partners with a common basis for creating a secure and reliable management process for managing digital coupons (Jun 2012)
- **Global Product Recall Standard:** Serves as a common-sense blueprint enabling all supply chain stakeholders to implement more effective product recall processes and notifications (Jun 2012)
- **General Specifications Change Notices (GSCN):**
  - **Packaging Components ID (PCID):** Addresses the use case where a GTIN and GTIN attribute are used by consumer trade item brand owners to ensure the proper association of packaging components during production of a finished consumer trade item (Jun 2012)
  - **Managing Multiple Bar Codes (MMBC) Use Case 3 & 4:** Addresses the use case for managing multiple bar codes in general retail at point-of-sale and the use case for managing multiple bar codes in healthcare at point-of-sale and point-of-care (Jun 2012)
  - **Patient & Caregiver Identification:** Provides a global standard for the identification of a patient (subject of care) and a caregiver (individual provider) using automatic identification and data capture (AIDC) at the delivery of care to assure patient safety (Jun 2012)
  - **Conformance Updates and Appendix:** Clarifies language in the GS1 General Specification around bar code conformance, , measurement tolerances for conformance and the conformance appendix (Jun 2012)
  - **General Specification Change Notice (GSCN) Clarify Global Verification Template:** Provides clarity to the GS1 Bar Code Verification Template (Jun 2012)
  - **Clarify the use of Global Returnable Asset Identifier (GRAI) for ordering:** Addresses and corrects misleading statements on the use of GRAI for ordering: a GTIN is required for ordering (Jun 2012)
  - **AI Data Titles:** Suggested Manual Use case practice for the identification of dates and date types including the use of current ISO date expression structure; and short form representations of the date types based on current industry practices (Jun 2012)

- **Updates Symbol Specification Tables for use of GS1 DataBar in General Distribution:** Updates to the Symbol Specification Tables to provide clarity around the use of GS1 DataBar in General Distribution, supporting the GS1 DataBar 2014 message “open for all trade items”. (Jun 2012)
- **Allowable Character Set:** Updates what characters are allowed for encoding in GS1 Bar Codes (Jun 2012)
- **Day of the Month:** Provides clear and consistent guidance on the interpretation of the day of the month when business needs do not require the identification of a specific day in the date field and zeros are used for the date field (Jun 2012)

## 1.2. Calendar year’s key achievements previously reported

### Standards

- **GS1 General Specification New Version:** A large number of changes to broaden the GS1 standards to support: fresh foods sector, B2C extended packaging, electricity supply market, and the finance industry (Feb 2012).
- **Global Product Classification (GPC) January 2012 Publication:** New bricks to expand classification in digital media, cereal, wine and beer, fresh foods, automotive lights, bulk containers, foot care, and personal intimacy (Feb 2012).
- **Global Data Synchronisation (GDS) Maintenance Release 5 Version 2:** Updates to validation rules, common library, Fast Moving Consumer Goods (FMCG) extensions, price synchronisation, chemical ingredients, books, publications, food and beverage, hard lines, office supplies, regulatory compliance, HVAC and plumbing (Mar 2012).

### Guidelines

- **Global Data Synchronisation Network (GDSN) Trade Item Implementation Guide, Issue 17:** New implementation guidance for tax information; dates; regulatory compliance; and mergers, acquisitions, and divestitures (Mar 2012).

## 2. Work in progress

### 2.1. Work Request activity

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 ytd
Bar Codes	25	31	25	19
Data Accuracy	5	5	0	2
eCom	63	46	50	31
EPCglobal	3	2	7	5
EPCglobal (former process)		21		
Global Data Synchronisation	75	119	95	67
Global Product Classification	15	33	62	44
Global Traceability Standard	4	2	1	0
Other	2	4	7	1
<b>Total</b>	<b>192</b>	<b>263</b>	<b>247</b>	<b>169</b>

### # of Maintenance or Development work efforts

Category	2009	2010	2011	2012 ytd
Maintenance	158	220	220	153
Development	34	43	23	11
In Analysis	0	0	4	5
<b>Total</b>	<b>192</b>	<b>263</b>	<b>247</b>	<b>169</b>

### # of requests entered by region

Regional Input	2009	2010	2011	2012 ytd
Americas	76	115	101	43
Asia Pacific	7	35	14	10
Middle East & Africa	0	1	0	0
Europe	109	112	132	116
<b>Total</b>	<b>192</b>	<b>263</b>	<b>247</b>	<b>169</b>

### # of requests entered by member type

Member Type Input	2009	2010	2011	2012 ytd
Member Organisation (MO)	123	164	155	117
User	15	26	22	15
Solution Provider/Data Pool	16	23	48	34
Other	38	50	22	3
<b>Total</b>	<b>192</b>	<b>263</b>	<b>247</b>	<b>169</b>

## 2.2. Working Groups

- 6 Standards Maintenance Groups (SMGs) are active, 1 awaits participants
- 13 Mission Specific Working Groups (MSWGs) are active, 4 await participants
- 3 MSWG call-to-actions were issued this quarter

### 2.2.1. Strategic projects overview

GS1 strategic projects are foundational to the GS1 system, technology, infrastructure or architecture and may impact GS1 and the Member Organisations.

GSMP Strategic Projects (*OGSM 11-12)	Target	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	Sept '13	→				
B2C Digital Coupon *	Jun '12	→				
B2C Trusted Source of Data	Jun '12	→				
Barcode Conformance *	Jun '12	→				
Components & Parts *	Jun '12	→				
Discovery Services	Dec '11	→				
eCom Logistics Standards	Sep '13	→				
EPCglobal Federated ONS *	Jun '12	→				
EPC Tag Data 1.7 *	Dec '12	→				
EPC UHF Air Interface 1&2 *	Oct '12	→				
GDS GPP Sustainability *	Jun '12	→				
GDS Major Release 3	Sept '12	→				
Level Below Each *	Mar '12	→				
Multiple Barcodes	June '12	→				

Legend:	
<span style="color: green;">■</span>	No known issues
<span style="color: yellow;">■</span>	Minor Risk/ - 10% behind sched.
<span style="color: red;">■</span>	Significant risk/ - 10% + behind sched.
<span style="color: orange;">■</span>	Project cancelled
<span style="color: blue;">■</span>	Project complete
	Internal development

### 2.2.1.1. Strategic projects risks and issues

- B2C Trusted Source of Data:** An evaluation is underway to reduce prototype testing to maintain the project timeline. Solution provider participation is low – critical to solution development phase. Call for participation published 24 May to request Solution Partner participation. The B2C team is reaching-out to encourage participation. Brand owner participation is also light and the team is assessing possible impacts on the standard and implementation.
- Components and Parts Identification:** The timeline is at risk due to increased scope to develop the solution. Broader industry participation from a new call for participation may not be successful.
- Discovery Services:** The target delivery date has been missed due to lack of participation.
- EPC Federated Object Name Service (ONS):** The scope was expanded to include prototype testing. Delivery delayed to September 2012 due to extended prototype test execution. Participation continues to be a struggle.
- EPC Tag Data and Translation Standard 1.7:** Group has not reached minimum participation requirements to launch - requires 6 data recipients (retailers) and 6 data sources (manufacturers). Expect participation to increase as other EPC-related groups complete their work. These groups may define new GS1 Keys, requiring scope change.

- **EPC UHF Air Interface 1 and 2:** The timeline may be impacted by an open Class issue and the addition of prototype testing to the group's scope. Action Plan: The Work Group is completing publication annexes in order to achieve resolution on IP structure and Class issue. An evaluation is underway to identify opportunities to reduce scope to mitigate schedule impacts.
- **GDS Sustainability Metrics Global Packaging:** GS1 is awaiting an Intellectual Property Contribution from The Consumer Goods Forum. The group issued a call to action for participation and is awaiting participants.

## 2.2.2. GSMP Working Group Scorecards

Project level scorecards are provided for each working group in GSMP and include project description, risks, milestones, accomplishments and status. Monthly updates are available by the 7<sup>th</sup> day of the month, on our webpage at <http://www.gs1.org/gsmpp/scorecards>.

## 2.2.3. Standards Maintenance Groups (SMGs)

Group name	Call-to-action date	Group status
1. GSMP Bar Codes	15 Apr 2010	Working
2. GSMP Data Accuracy	15 Apr 2010	Working
3. GSMP eCom	15 Apr 2010	Working
4. GSMP Global Data Synchronisation (GDS)	15 Apr 2010	Working
5. GSMP Global Product Classification (GPC)	15 Apr 2010	Working
6. GSMP Identification	15 Apr 2010	Working
7. GSMP Traceability and Event Sharing	26 May 2011	Waiting for Participants

## 2.2.4. Mission Specific Working Groups (MSWGs)

Group name	Call-to-Action date	Group status
1. GSMP AIDC Healthcare Application Standard Updates	23 Feb 2012	Working
2. GSMP B2C Digital Coupons	10 Feb 2011	Working
3. GSMP B2C Trusted Source of Data (TSD)	2 Dec 2011	Working
4. GSMP Bar Code EPC Implementation Guideline	09 Jun 2011	Working
5. GSMP Components and Parts Identification	25 Aug 2011	Working
6. GSMP eCom Intelligent Packaging	23 Jun 2011	Working
7. GSMP eCom Logistics Standards	23 Jun 2011	Working
8. GSMP EPC Information Service (EPCIS) 1.1 and Core Business Vocabulary (CBV)	10 Jun 2012	Waiting for Participants
9. GSMP GDS-GPP Sustainability	10 Jun 2012	Waiting for Participants
10. GSMP Discovery Services	31 Aug 2011 (transitioned)	Working
11. GSMP GDS Key Validation	23-Feb-2012	Working
12. GSMP GDS Major Release 3	28 Jul 2011	Working

Group name	Call-to-Action date	Group status
13. GSMP GS1 EPCglobal Federated Object Name Service (FONS)	13 Jan 2011	Working
14. GSMP GS1 Tag Data and Translation Standard 1.7	21 Sep 2011	Waiting for Participants
15. GSMP Level Below The Each (Unit Dose)	26 May 2011	Working
16. GSMP Managing Multiple Bar Codes Guideline	31 May 2012	Waiting for Participants
17. GSMP Multiple Bar Codes	Working in Former GSMP	Working
18. HAG UHF Air Interface 1 and 2	Transitioned from EPC	Working

### 2.2.5. Working Groups initiated with calls-to-action year to date

Group name	Call-to-Action date	Group status
GSMP EPC Information Service (EPCIS) 1.1 and Core Business Vocabulary (CBV)	10 Jun 2012	Waiting for Participants
GSMP GDS-GPP Sustainability	23 Feb 2012	Waiting for Participants
GSMP Managing Multiple Bar Codes Guideline	31 May 2012	Waiting for Participants

### 2.2.6. Working Groups aging report

Days Open	Under 100	100-200	200-500	Over 500
In Analysis	4	0	0	0
GSMP Maintenance	34	47	8	1
GSMP Development	2	1	5	10
Industry Engagement	1	3	1	
On-Hold	0	0	0	8
Non-GSMP	1	0	2	3

### 2.2.7. Work Requests in Industry Engagement

WR Number	Topic	Status
WR-12-000192	Change the GTIN allocation rules to require a new GTIN to be assigned to a food trade item	In Industry Approval
WR-12-000165	Integrating Turkish traceability messages into GS1 XML	In Industry Approval
WR-12-000126	Enable Network Pedigree	on- hold
WR-12-000120	External keys for EPCIS	In Industry Approval
WR-12-000050	GLN Allocation rule definitions and use case examples Update	In Statement of Business Need Development by Member Organizations



### 3. 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.

#### 3.1. Membership

- GSMP has 678 individual members, 26 are non-voting, a 16 % increase in individual membership over last quarter. 416 users and 262 Member Organisations (MOs)
- GSMP has 284 member companies, 23 are non-voting, a 15% increase in member companies over last quarter.

##### Membership Growth:

	31-Mar-11	20-Jun-11	30-Sep-11	31-Dec-11	31-Mar-12	30-Jun-12
Individuals	245	344	409	541	608	678
Companies	121	156	186	245	268	284

##### Individual Membership by Interest Category

Interest Category	# of Participants
GS1 Member Organisation (MO)	262
Manufacturer	155
Retailer/Hospital	76
Solution Provider	117
Other	68

##### Member Companies by Interest Category

Interest Category	# of Companies
GS1 Member Organisation (MO)	41
Manufacturer	77
Retailer/Hospital	39
Solution Provider	81
Other	46

#### 3.2. Voting participation

Each company/organisation has one vote in GSMP, regardless of the number of participating individuals representing them. GSMP standards are approved by Community Eballots. Each eballot requires approximately 12 votes with additional minimum requirements of supply chain role votes.

Total Eballots	Average # of Company Votes per Ballot	Date Range
148	21	YTD 2012


#### 3.3. 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 Industry & Standards Event. A summary of attendance is shown in the charts below.

## GS1 Industry & Standards Event Attendance

By Individual	Mar '09 Los Angeles	Oct '09 Lille	Apr '10 Orlando	Sep '10 Amsterdam	Apr '11 Brooklyn	Sep '11 Cologne	Mar '12 Brooklyn
Member Organisations	81	137	79	129	84	122	103
End Users	101	90	70	85	59	58	42
Solution Providers	65	46	23	48	39	39	25
Affiliates (Academia, Assoc., Gov.)	16	12	3	21	13	7	5
Global Office Staff	52	58	42	50	50	51	49
<b>Totals</b>	<b>315</b>	<b>343</b>	<b>217</b>	<b>333</b>	<b>245</b>	<b>277</b>	<b>224</b>

By Organisation	Mar '09 Los Angeles	Oct '09 Lille	Apr '10 Orlando	Sep '10 Amsterdam	Apr '11 Brooklyn	Sep '11 Cologne	Mar '12 Brooklyn
Member Organisations	52	33	18	30	24	30	26
End Users	41	51	35	61	39	43	27
Solution Providers	24	33	21	36	27	26	20
Affiliates (Academia, Assoc., Gov.)	8	7	2	13	10	6	5
<b>Totals</b>	<b>125</b>	<b>124</b>	<b>76</b>	<b>140</b>	<b>100</b>	<b>105</b>	<b>78</b>

 **Note:** Apr '10 membership was down due to travel restrictions caused by Volcanic Activity in Iceland

## 4. Quality

The GSMP defines quality as the totality of the 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.

### 4.1. Due process and consensus

#### Due Process:

All GSMP groups are expected to follow the processes and procedures specified in the GSMP Manual. A Community eBallot is used to confirm community consensus to progress a draft requirement, 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
- 52 eballots approved unanimously, 3 approved with no votes
  - 95% approved unanimously, up 88% in the previous quarter
- 1,097 yes votes, 8 no votes
  - 99% votes were affirmative, consistent with the previous quarter

## 4.2. Standards adoption

An annual survey will be sent to “active, voting” GSMP group members to measure and determine the adoption of standards developed by GSMP. Survey data will be available Q4 2012.

## 4.3. Satisfaction

### 4.3.1. 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.

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:

- 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.
- 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.

### 4.3.2. GSMP event attendee satisfaction survey

GS1 issues an event satisfaction survey after each Industry & Standards Event. A summary of survey results of the event held in Brooklyn, March 2012, is provided below. Historical data for this event survey is not provided because categories of measurement were changed to align with other GS1 Global Office surveys:

1. How satisfied were you with the GS1 Industry & Standards Event in Brooklyn?				
Dissatisfied	Fairly Satisfied	Neutral	Satisfied	Very Satisfied
1%	2%	11%	67%	18%

2. How satisfied were you with the event facilities?				
Dissatisfied	Fairly Satisfied	Neutral	Satisfied	Very Satisfied
4%	7%	15%	51%	23%

### 3. Overall, how satisfied were you with the week's agenda?

Dissatisfied	Fairly Satisfied	Neutral	Satisfied	Very Satisfied
2%	4%	19%	61%	14%

### 4. How satisfied were you with the working groups you attended?

Dissatisfied	Fairly Satisfied	Neutral	Satisfied	Very Satisfied
2%	2%	11%	61%	23%

### 5. Was it clear which sessions required Intellectual Property (IP) agreements?

Yes	No	Other, provided suggestion
99%	0%	1%

### 6. How satisfied were you with the performance of your working group facilitator?


Dissatisfied	Fairly Satisfied	Neutral	Satisfied	Very Satisfied
0%	0%	10%	55%	35%

#### 4.3.3. 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

#### 4.4. 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 processes 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:

##### 4.4.1. Maintenance on-time performance

A Work Order is categorized as maintenance if it is a small change to an existing standard or guideline or a group of small changes that can readily 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 five percent of Maintenance Work Requests closed on time. The on-time close rate by technology is detailed below:

SMG	Open	Closed		% Closed on Time	Withdrawn or not approved
		On-Time	Exceeded Benchmark		
BarCodes		1		100%	
Data Accuracy	1	1		100%	
eCom	24	11	11	50%	6
EPC					1
GDS	16	93	0	100%	11
GPC	30	26	5	84%	5
Identification	18	3	7	30%	

#### 4.4.2. 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. New GSMP projects are reported below:

##### New GSMP Process

Group Name	Estimated Completion Date	MB Ratified Date	Closed	
			On-Time	Exceeded Benchmark
GSMP EPC Tag Data & Translation Standards V1.6 WR# 10-204	30-Nov-2011	9-Sept-2011	Yes	
GSMP National Healthcare Reimbursement Number	31-Mar-2012	1-Mar-2012	Yes	
B2C Digital Coupon	30-Jun-2012	2-Jun-2012	Yes	

##### Former Process:

Group Name	Estimated Completion Date	Completion Date	Closed	
			On-Time	Missed Benchmark
Network Centric ePedigree (NCeP) Joint Requirements Group (former EPCglobal process)	31-Mar-2012	31-Mar-2012	N/a	
Product Recall (former GSMP process)	30-Jun-2012	1-Mar-2012	Yes	
Traceability in Healthcare II (former GSMP process)	31-Mar-2012	31-Mar-2012	Yes	
Patient & Caregiver Identification (former GSMP process)	31-Dec-2012	11-Jan-2012		✓ No:WG extended voting period

## 4.5. GSMP Governance Groups

### 4.5.1. 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

### 4.5.2. Process Oversight Committee (POC) Members

1. Pat Vessey, Best Buy
2. Carol Edison, General Mills
3. Ron Bone, McKesson
4. Hanjoerg Lerch, Metro AG - Co-Chair
5. Robin Kidd, Nestle
6. Steve Robba, SA2 Worldsync
7. Ron Moser, Wal-Mart
8. Steven Periera, GS1 Australia
9. Mike Sadiwnyk, GS1 Canada – Co-Chair
10. Per Kiilshom, GS1 Denmark
11. Natascha Rossner, GS1 France
12. Klaus Foerderer, GS1 Germany
13. Marco Belanos, GS1 Mexico
14. Loek Boortman, GS1 Netherlands
15. Mary Wilson, GS1 US

### 4.5.3. Technical Standards Committee (TSC) Members

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

### 4.5.4. Architecture Group Members

1. John Terwilliger, Abbott Laboratories
2. Mark Harrison, Auto-ID Labs Cambridge
3. Josef Preishuber-Pflügl, CISC
4. Tony Zhang, FSE, Inc.
5. Ken Traub, Ken Traub Consulting
6. Jens Kungl, MGI Metro
7. Vera Feuerstein, Nestle
8. Sue Schmid, GS1 Australia– Co-Chair
9. Eugen Sehorz, GS1 Austria
10. Kevin Dean, GS1 Canada
11. Xavier Barras, GS1 France
12. Andeas Fuessler, GS1 Germany
13. KK Suen, GS1 Hong Kong
14. Roberto Matsubayashi, GS1 Brasil
15. Hein Gorter de Vries, GS1 Netherlands
16. Kunle Oye-Igbemo, GS1 Nigeria

17. Pere Rosell, GS1 Spain
18. Staffan Olssen, GS1 Sweden
19. Andrew Osborne, GS1 UK
20. David Buckley, GS1
21. Henri Barthel, GS1 – Co-chair

## 5. GSMP InSight documents and contact us

Access this and other GSMP InSight documents at this website: <http://www.gs1.org/gsm/insight>.  
Please contact me with your questions or suggestions: [Eileen.Harpell@GS1.org](mailto:Eileen.Harpell@GS1.org)