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1 Preface

1.1 Period covered

The last published quarterly report may be found at [0]. (See “4. Bibliography”, at end.) Note that there has been a gap in quarterly reports. This “catch-up” report will include some information prior to 2012/Q3.

1.2 Document status
This quarterly report has been reviewed and approved by the CGM Open Steering Committee (SC):

- Stuart Galt (Boeing member)
- Dieter Weidenbrueck (Chair)
- Lofton Henderson (Program Director)

1.3 Content
This report is intended to give CGMO MS members an overview of the quarter and a preview of the next quarter. It is required by and also submitted to OASIS staff and management.

The report looks at:

- CGMO management activities for the period,
- CGMO financial data for the period,
- CGM Open WebCGM TC activities.

2 Activity summary for period

2.1 Management
MS-management related activities were light in Q3 and for a number of preceding periods. The technical development program has effectively been in hibernation since the preceding report [0] – see section 2.3 “Technical” for further discussion.

Continuation of CGMO MS: The process has just started in late Q3, and will be the primary focus of Q4, to determine whether future technical development needs are sufficient to warrant continuation of CGMO as a funded Member Section.

MS Process and budget topics: In approving the 2012 CGMO MS spending plan and budget, the MS share of CGMO members' OASIS dues was reduced from historical level of 40% to 30%.

New OASIS Rules for Member Sections: On September 1, 2012, revised OASIS Member Section rules took effect [24]. Some orientation and discussion from OASIS staff may be found in the MS email archives [2].

Updated SOW for Program Director: The Statement of Work for the CGMO MS Program Director was updated and approved by the Steering Committee.

2012 Budget: Following is the 2012 budget.
• Estimated MS income for 2012 (at 30% allocation): $21,402
• 2011 Total carry-over to 2012: $42,820.62
• Estimated total expenses: $36,300
  o PD fees for 12 months: $36,000
  o Estimated other (membership fees): $300
• 2012 Estimated year end carryover: $27,923

(Actual financial data through 2012/Q3 can be found in the next section.)

Assessment: Much of the CGMO MS management activity revolves around producing a sustainable long-term financial posture. Recruitment and revenue enhancement is an ongoing focus, and is especially important now that budgeted expenses exceed estimated revenue. Please see previous reports [0] (chain) for further details.

Any additional details may be found on the CGMO SC Web site [1] and the CGMO MS Web site [2].

2.2 Financial

Key financial data for 2012/Q3 are:

• CGMO income for the period 2012-07-01 through 2012-09-30: $5,771.47 [12/q2 was $11,928.70]
• Expenditures by CGMO for Q3 (jul-sep 2012): $9,000.00 [12/q2 was $9,000.00]
• Balance of funds available as of 2012-09-30: $33,220.79 [12/q2 was $36,449.32]
• Estimated deferred revenue balance sheet 2012-09-30: $10,683.00 [12/Q2 was $10,794.38]
• Anticipated revenue impacts due to changed membership since last report [0]: System Development Inc, CGM Technology Services, and Rolls Royce (aircraft engines) have left OASIS, hence their revenue contributions are lost.

Assessment: The projected CGMO financial position is apparently viable for 1-2 years of continued operation at current levels. There has been income loss due to OASIS membership non-renewals, and so CGMO is consuming carryover funds from previous years. Saab AB is still an OASIS member, but no longer on the CGMO roster – will investigate. Recruitment of new members should remain an ongoing action item. Don Larson suggests that there may be good potential in the oil & gas industry (would be new OASIS members.)

2.3 Technical

See WebCGM TC site [3] (“Documents”) for agenda, minutes, documents, TC membership, etc.

See the previous report(s) [0], for a detailed summary of previous technical milestones culminating in endorsement of WebCGM 2.1 Requirements [20d] and publication of WebCGM 2.1 OS [9a] and its initial errata [12c].

For technical and circumstantial reasons, the TC has not pursued development of new technical functionality since the publication of the WebCGM 2.1 OS and its errata. On the positive side, this has given industry and implementors time to assimilate and implement the substantial new functionality of WebCGM 2.1.

More fundamentally, new approved WebCGM requirements are needed before development of new technical functionality proceeds. A master list of potential TC activities and new WebCGM functionalities has been prepared and circulated [21]. Before new development is undertaken, a set of approved goals and requirements must be distilled from this and other sources.
To this end, a significant innovation has been instituted – a LinkedIn WebCGM subgroup of the OASIS LinkedIn group has been formed, has started some discussions [23], and now has about 30 members. The TC sees this as an effective means of outreach – particularly on the topic of new WebCGM functionality and future agenda of the TC – to a larger audience and constituency than just the TC and MS memberships.

The TC has received a proposal to provide a WebCGM viewer for free public use for a least some period (Don Larson proposal). Also from Don, a suggestion that the TC should generate some tutorial materials and demos for WebCGM 2.1 DOM applications. These will be evaluated next quarter (see section 3.2).

Here are some TC data for the quarter.

- Details of WebCGM TC milestones and work items for 2012/Q3 and before. See previous report(s) [0] for details of technical activity leading up to WebCGM 2.1 completion.
  - The TC has started to look at further requirements for technical development of WebCGM subsequent to publication of the WebCGM 2.1 standard. A preliminary collection of worthwhile potential work items has been circulated [21], but not yet processed or prioritized.
  - Initial discussions about Education & Outreach around WebCGM 2.1, including the possibilities of offering a free-use viewer and production of some tutorial and demo materials.
  - More work is needed to bring stale information up to date on the www.cgmopen.org web pages and on the TC web pages and some initial fixes have been undertaken.

- Teleconferences [8]:
  - There have been TC teleconferences approximately monthly in 2012/Q3 (and before). The focus has been on topics of future requirements and possible resumption of active technical development.

- Activity on WebCGM TC email list [7]: Traffic on the WebCGM TC email list has been light, reflecting that the TC is not currently working on WebCGM functionality extensions. Some initial requirements assessment has started,

Any available additional details will be found at the CGMO WebCGM TC Web site [3].

### 3 Next quarter preview – Q4 / 2012

#### 3.1 Management preview

The main next-quarter management activity will be:

1. Assess TC technical development requirements, and reassess continued need for a funded MS. 
   *One possible outcome is the conclusion that ongoing program requirements are not sufficient to warrant continuation of the funded CGMO MS (while continuing the existence of a “maintenance” TC.)*

Other expected next-quarter MS management activities:

2. Coordinate annual Steering Committee election.
3. Review of quarterly financials (every quarter).
4. Resume recruitment of new members (especially from oil & gas industry).
5. Continue to pursue and plan for a marketing and education program.
6. Write, review, and post the MS Quarterly Report (every quarter).

3.2 Technical preview

The main next-quarter technical activity will be:

- Survey and assess requirements for new WebCGM/CGM technical development, using TC and MS lists as well as the (new) LinkedIn WebCGM subgroup.

Other next quarter TC activities may include any of these items:

- Errata processing for any more 2.1 errata that might be reported.
- Review of all pages on cgmopen.org and TC, for stale information.
- Field any public requests for clarification of WebCGM/CGM standards.
- Pursue a WebCGM viewer for free public use for at least some period (Don Larson proposal).
- Produce and make available tutorials and examples, esp. of WebCGM 2.1 DOM (DL proposal).
- Maintain wish list to capture suggestions for post-2.1 WebCGM enhancements (there is no post-2.1 version in the pipeline currently.)
- Examine “Compositing” proposal for a potential small upgrade (e.g., “2.2” or “3.0”). (Requested by several A&D users of CGM/WebCGM.)

Other potential TC activities, probably longer term than next quarter:

- Revise and update the old ICS forms to be correct for 2.0.
- Refresh WebCGM product ICS pages and ensure current accuracy.
- Design and deploy new 2.1 ICS forms.
- 2.1 Test Suite [17b] maintenance, longer term: update “ProfileEd” identifiers in tests as needed, assess coverage of the test suite.

4 Bibliography

This section contains a collection of permanent and currently applicable references, as well as some references that are of historical interest. (More extensive historical references may be found in previous report(s) [0].)

- [4b] WebCGM WG charter: http://www.w3.org/2007/10/webcgm-charter.html#milestones
• [14] WebCGM 2.0 OS: http://docs.oasis-open.org/webcgm/v2.0/OS/webcgm-v2.0-index.html
• [20d] TC-approved 2.1 rqts: http://docs.oasis-open.org/webcgm/v2.1/WebCGM_21_Requirements.html
• [22] Implementation test matrix: http://docs.oasis-open.org/webcgm/test-materials/matrix.html
• [23] LinkedIn WebCGM discussions: http://www.linkedin.com/groups?home=&gid=4352885&trk=anet_ug_hm&goback=%2Egna_4352885