

# **CUG Members' Handbook**

**January 19, 2008**

## **Revisions 10/13/07**

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Moved location of Revision notes

Removed high end graphics from focus of the organization in the Preface

Updated list of qualifying systems (1.2) – NEEDS VERIFICATION BY CRAY

Clarified Regional Directors as an organizational preference not Bylaw-mandated (2.0, 4.5.1)

Global replace of “associated Vendor(s)” to “Associated Vendor(s)”

Replaced two business sessions with one (4.21)

Removed paper ballot (4.4.4)

Added pledge of site support to the Nomination by Petition acceptance clause

## **Revisions 4/26/06**

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ToC add chapter 6

page 1 add xd1, xt3, and x1 list server info

page 2 add xt3 and xd1 as eligible systems in section 1.2.1

page 4 replace old Program structure text and list with text and list from [cug.org/organization](http://cug.org/organization)

page 9 add privacy policy from [cug.org](http://cug.org)

repagination

## **Revisions 4/29/06**

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Page 1: Unbold the commas and "and" in "xd1, xt3, and x1@cug.org" so they look less like part of the address. Capitalized the system names in the following sentence: "Lists moderated by xd1, xt3, and x1 SIG Chairs." Added period to end of last sentence on the page.

Page 2: Removed "-" in "X-1 series".

Removed

1.1.1 Removed High Performance equipment from SGI (eligible through December 2004):

- Origin 2000 series

- Origin 3000 series

Page 4: Use “Systems and Integration” instead of "System & Integration.

## **Revisions 1/15/08**

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This version contains many minor edits to the 4/29/06 Handbook. Major changes are

1.2 Removed list of vendor products and replaced with a general statement.

2.0 and 4.5 Change Director to Director-at-Large and explained geographic regions.

3.0 Program structure reverted to technical area alignment rather than product alignment based on Vendor product consolidation.

## **Revisions 1/19/08**

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Change 4.4.4 The Board may submit the resolution to the entire membership for consideration via mail ballot in which case the resolution and voting instructions will be mailed to each Installation Delegate pursuant to Sections 5.7 and 5.9 of the Bylaws.

To: 4.4.4 The Board may submit the resolution to the entire membership for consideration via \*\*mail or e-mail and voting instructions will be mailed or e-mailed\*\* to each Installation Delegate pursuant to Sections 5.7 and 5.9 of the Bylaws.

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## Preface

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CUG (Cray User Group) is an independent, volunteer organized, international corporation of member organizations that own or operate an Associated Vendor(s)' high performance computer systems with emphasis on high-performance issues and technical computing. High performance computer systems are defined as "the most powerful computers, or collections of computers acting together, available at a given time." According to the CUG Bylaws, the precise definitions of Associated Vendor(s) and High Performance Computer systems (HPC) in the CUG related surroundings are given in Section 1 of this Handbook.

CUG's mission is to provide the high performance computing community with leadership and information exchange to enable the development and effective use of computational tools in achieving the business and research objectives of CUG Members.

The purpose of this CUG Member's Handbook is to provide descriptions of the organization of the Corporation, its Bylaws, policies, guidelines, and other general information.

## Contact Information

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**The e-mail address for the organization is [cug@cug.org](mailto:cug@cug.org).**

You may also contact the CUG Office.

### CUG Office

Bob Winget, Office Manager  
CUG Office  
3224 Southwood Drive  
Philomath, Oregon 97370 USA  
(1-541) 929-3776 Fax: (1-509) 272-7239  
[bobwinget@toolboxcm.com](mailto:bobwinget@toolboxcm.com)

### Email Reflector Definitions

**board@cug.org** ..... Board of Directors  
**plc@cug.org** ..... Program Lead Committee: VP, SIG Chairs, Tutorials Chair, Associated Vendor Program Liaison(s), and CUG Office Manager  
**program@cug.org** ..... **plc@cug.org** and Focus Chairs  
**cray\_team@cug.org** ..... Cray Liaison(s) to CUG  
**ac@cug.org** ..... Advisory Council: **board@cug.org**, **cray\_team@cug.org**, **program@cug.org**, CUG Information Manager, CUG.log Editor/AC Secretary, Regional CUG Representatives, and LAC Representatives  
**xd1, xt3, and x1@cug.org** .... Lists moderated by XD1, XT3, and X1 SIG Chairs. Anyone from a Cray site (whether from a CUG member site or not) may subscribe. All subscription requests require moderator approval.

## 1.0 Cray User Group, Incorporated Bylaws

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The Official Bylaws are linked from the CUG home page, <http://www.cug.org>

### 1.1 Associated Vendors

#### 1.1.1 Current Associated Vendors

The current Associated Vendors, as of May 2003

- Cray, Inc (Cray)

#### 1.1.2 Historic Associated Vendors

From inception until Spring 1996

- Cray Research, Inc.

From Spring 1996 to March 2000

- SGI

From March 2000 to May 2003

- Cray, Inc.

- SGI

From May 2003

- Cray, Inc.

### 1.2 High Performance Computer Systems

At this time, a CUG Member must own or operate a high performance system or a legacy system of the associated vendor.

## 2.0 Organizational Structure

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### Board of Directors

The CUG Board of Directors (BoD) consists of the following Officers and Directors:

#### Officers

- President
- Vice-President
- Secretary
- Treasurer

#### Directors

- Director-at-Large, Americas\*
- Director-at Large, Asia/Pacific\*
- Director-at-Large, Europe\*
- Director-at-Large, Past President

\* Geographical attribution is by tradition, not required by Bylaws

### Advisory Council

The Advisory Council (AC) gives advice on technical and administrative matters that come before the organization. The Advisory Council meets at each General Meeting.

The CUG President serves as Chair of the Advisory Council. The CUG Secretary appoints the Advisory Council Secretary. The Advisory Council Secretary is responsible for the minutes, which are to be prepared and distributed to the Advisory Council members after each meeting.

Membership on the Advisory Council includes the following:

- Board of Directors
- Special Interest Group (SIG) Chairs
- Focus Group Chairs
- Tutorials Chair
- Associated Vendor Liaison Team(s)
- CUG.log Editor & AC Secretary

CUG Office Manager  
Recent Past BoD members  
Regional (International) CUG Chapter Chairs  
Past, Current, and Next Local Arrangements Chairs (LAC)

### **Program Committee**

The Program Committee is responsible for the Program of the General Meeting and for ensuring that all necessary arrangements are in place. It consists of the following members:

Vice President (VP) (Program Chair)

Responsible for entire program: call-for-participation, general layout, General Sessions, coordination with the CUG Office for proofing/printing programs and other materials, and guidance for, and coordination with, all Program Committee Chairs. Note: The Program Chair may call upon other members of the Program Committee as appropriate.

Tutorials Chair

Responsible for organizing and scheduling all tutorials; coordinates with the VP and other Program Committee members.

Associated Vendor Program Liaison

Responsible for assisting with the coordination of talks and presentations by Associated Vendor participants. Particularly assists the VP with the General Session(s) featuring Associated Vendor presentations.

Special Interest Group Chairs

Responsible for coordinating presentations within their interest group into sessions for the General Meeting. Assists Focal Group Chairs in obtaining presentations for the General Meeting.

Focus Group Chairs

Responsible for obtaining presentations for the General Meeting.

### **Program Lead Committee (PLC)**

The Program Lead Committee is responsible for organizing the program into General Sessions and appropriate parallel tracks, including arrangements for any SIG or Focus Group meetings. It consists of the following members:

VP (Program and PLC Chair)

SIG Chairs

Tutorials Chair

Associated Vendor Program Liaison(s)

CUG Office

### 3.0 Program Structure

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The Program at each General Meeting currently consists of General Sessions, appropriate parallel tracks, SIG/Focus Group meetings, and Interactive Sessions. It includes presentations that represent a balanced view of the interests of the membership.

#### Program Topics

Currently, there are four Special Interest Groups (SIGs) defined within CUG. Three of these SIGs represent areas of interest to our members regardless of the supported hardware platform. The fourth SIG is for Legacy systems that are no longer sold by the Associated Vendor.

The current Special Interest Groups, together with their primary areas of interest, are:

#### APPLICATIONS & PROGRAMMING

##### ENVIRONMENTS

Programming Environment  
Compilers  
Libraries  
Tools  
3<sup>rd</sup> Party Applications  
User Code Optimization

##### SYSTEMS SUPPORT

Operations  
Environmental Monitoring  
Facilities and Site Prep  
Tuning and OS Optimization  
System Operations  
Architecture  
Mass Storage  
Networking

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##### USER SERVICES

Account Administration  
Consulting  
Documentation  
Training

##### LEGACY SYSTEMS

Cray X1 series  
Cray XD

#### Notes:

- Each SIG should have one or more official Associated Vendor Liaison.
- SIG and Focus Chairs will be elected and will stand for re-election every two terms (4 years maximum). Unless necessary, SIG Chairs should not also be Focus Chairs.
- Chairs (SIG or Focus) not performing their specified duties will be replaced by the Board of Directors as needed.

### 4.0 Policies and Procedures

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#### 4.1 Policies with regard to CUG Meeting Visitors

The Board of Directors has the authority to approve visitor attendance at CUG meetings. CUG is *not* open to observers due to the relationship with the Associated Vendor(s) (the fact is that they have been generally free with information and open to product criticism). Visitors have always had some connection with the Associated Vendor(s). Reasons for visitor attendance include:

- An Associated Vendor has requested the guest's attendance.
- A site considering purchasing a high end system has been invited as courtesy to both the site and the Associated Vendor.
- CUG has a special interest in having the person attend; for example, he/she was giving a paper but the site was not a CUG member site.

#### **4.1.1 Provisions within the Bylaws**

A visitor is described in Bylaw **Section 3.8** as "Any individual who is not an Installation Representative and who is invited to attend a specific function of the Corporation by an Installation Representative, Officer or Board of Directors member and whose attendance at such function shall have the prior approval of the Board of Directors."

Attention is also drawn to **Article II** of the Bylaws which states "The principal purposes of the Corporation shall be to provide an open forum to promote the free interchange of information and ideas which are of mutual interest and value to users of high performance computers produced by the Associated Vendor(s) as defined in the handbook, and to provide a formal communications channel between members of the Corporation and members of the high performance computing vendor community."

Further, Bylaw **Section 5.10** states that "No Installation Delegate, Installation participant, CUG visitor or guest of the Corporation shall engage in employment recruiting or interviewing at any Meeting of Members. Meetings shall not be used for marketing or other commercial purposes".

#### **4.1.2 CUG Meeting Visitor Authorization Process**

4.1.2.1 The Board delegates authority to the Secretary, in combination with either the President or Vice President, to review and approve the attendance of CUG meeting visitors at CUG activities subject to the satisfaction of the Board.

4.1.2.2 Visitors may be limited as to which session(s) they may attend and/or in which they may participate. It is the responsibility of the inviting Installation Representative, Officer or Board Member to inform the visitor of his/her rights and responsibilities and to ensure proper conduct of the visitor. In addition, the content of formal presentations by such visitors will require advance approval by the appropriate Committee Chair.

#### **4.1.3 Recommended Guidelines**

Three categories of CUG meeting visitors can be considered. Other categories can be considered at the discretion of the Board, on a case-by-case basis.

Current categories are:

- Independent experts. These may come from either academia or from reputable consultancies. Provided they are truly independent and their presence can contribute to the purposes of CUG, then agreement should be given for them to attend some or all of the sessions. It may be necessary for them to sign a nondisclosure agreement. As a matter of courtesy and to avoid any embarrassment, it is recommended that the Associated Vendor(s) be advised of the intention to invite these experts.
- Employees of commercial organizations with manufacturing or marketing agreements or other close association with the Associated Vendor(s) or who provide products to be used in conjunction with the Associated Vendor(s) products. For these organizations, there may be mutual benefit in permitting them to make presentations or attend selected sessions of General Meetings. In general, they must agree in writing not to engage in any marketing or other commercial activities. It is recommended that the Associated Vendor(s) be consulted before invitations are finalized to ensure that there is no serious conflict of interest.
- The Associated Vendor(s), or their subsidiaries, might ask to send a visitor to a CUG meeting. In this case the visitor may be considered as Associated Vendor personnel if so desired by the Associated Vendor(s), or as a regular visitor sponsored by a CUG Member site. In either case, the Board of Directors (and the member site's Delegate) must be informed.

## **4.2 General Meetings**

### **4.2.1 General Meetings**

A General Meeting will be held at least once a year and will last a minimum of three working days, preceded by one or two days (as necessary) of committee and Board of Directors meetings.



At least one session shall be scheduled at each General Meeting for transacting the business of the Corporation. Where appropriate and feasible, this session shall be held on Wednesday and will include the election of Officers.

#### **4.2.2 Smoking**

Smoking is not permitted in any session of the General Meeting.

#### **4.3 Future Meetings**

The President shall appoint a member of the Board of Directors to be responsible for the following tasks relating to future General Meetings.

The appointee shall locate future meeting sites and dates through negotiation with potential hosts for such meetings. This may be done either in reaction to offers or through solicitations of offers. The appointee shall negotiate appropriate accommodations, dates and arrangements with various potential hosts and shall maintain contingency sites for the next three years. In recommending sites, careful consideration should be given to travel arrangements, hotel accommodations, and physical meeting facilities. The general principle should be to have a balance, which reflects the location of the member sites. Final approval is given by the Board of Directors; the President writes the final letter or contract.

#### **4.4 CUG Resolutions**

**4.4.1** Any Installation Representative who desires to place a resolution before the membership at a General Meeting will submit a typewritten copy of the proposed resolution to the Secretary, for consideration by the Board of Directors, at least 24 hours prior to the scheduled plenary session.

**4.4.2** The Board will submit the resolution to the membership for discussion at the plenary session together with the Board's recommendations.

**4.4.3** The Board may defer action on the resolution pending further investigation by a CUG Committee or the Board. When such action occurs, the submitter is expected to participate in any committee activities relative to that resolution.

**4.4.4** The Board may submit the resolution to the entire membership for consideration via mail or e-mail and voting instructions will be mailed or e-mailed to each Installation Delegate pursuant to **Sections 5.7** and **5.9** of the Bylaws.

**4.4.5** Resolutions considered by the Board will be published in the minutes of the Board Meeting. Action taken with regard to resolutions referred to committees will be published in reports prepared by those committees.

#### **4.5 Board of Directors**

It is the policy of the Corporation that every effort will be made to ensure that the Board of Directors is truly representative. In particular, every effort will be made to ensure that not more than two members of the Board are from the same organization. In addition, effort will be made to ensure that at least two Board members are from organizations within the United States and at least two Board members are from organizations outside the United States.

**4.5.1** All board positions are for Director-at-Large. To ensure the international representation on the Board of Directors, by tradition, three of the Director positions of the Board of Directors are designated as Regional Directors. Ideally one Director-at-Large represents sites in North, Central and South America; one represents sites in Europe, Africa, and the Middle East; and one represents sites in Asia, Australia, and New Zealand. All sites vote for each position. Interpretation of specific geographic boundary questions will be the responsibility of the Board. When membership in a geographic area is light, the Director-at-Large for that region, may be selected from any region.

**4.5.2** It is the policy of the Board to limit service on the Board to two consecutive terms in a single position except when another viable candidate cannot be found. The Secretary and the Treasurer are exempted from this limitation because they have administrative functions that are served well by long-term continuity.

**4.5.3** The Board shall meet at least twice each year for the purpose of receiving reports from committees, and transacting any Board business that may arise. In general, one of these meetings

will take place immediately prior to the General Meeting. Additional meetings of the Board of Directors will be arranged as required.

#### **4.6 Travel Policy**

CUG Board members, through their organizations, are expected to cover their own travel expenses while on CUG business. On occasion, a board member may require travel assistance and it is the policy of the Corporation to reimburse them for any pre-approved travel expenses incurred in conjunction with activities on behalf of the Corporation. Travel expense funding is regarded as the exception and not the rule. When needed, the cheapest form of travel should be used where possible. Expenses incurred by persons acting in their own name(s) or in the names of their parent organization shall not be reimbursed.

#### **4.7 Special Devices at Meetings**

##### **4.7.1 Recording Devices**

Recording devices that capture and record presentations and/or sound may not be employed at any of the open or closed meetings of the Corporation without the specific prior approval of the Board of Directors.

##### **4.7.2 Cell Phones**

The use of cell phones is not permitted in any session of the meeting. Cell phones must be switched off, or moved to silent alarm, during sessions.

#### **4.8 Definition of an Installation**

It is the policy of the Corporation that there should not be more than one Installation Membership per high performance computer site. Where more than one organization could qualify for membership on the basis of a single high performance computer system, the conflict will be resolved by the Board of Directors. The CUG Board may, in unusual circumstances, grant an exception to this policy.

**4.8.1** For non-CUG members, and non-paid CUG members, valid CUG membership can be restored by paying dues and updating the membership form.

#### **4.9 Publications**

A subcommittee of the Board of Directors shall be formed to oversee the production of documents for the corporation. This shall be known as the Publications Committee.

CUG publishes the *Proceedings* of its General Meeting according to the following policy:

- The *Proceedings'* table of contents and abstracts of papers will be published on the CUG public web server, **www.cug.org**.
- *Proceedings* papers will be published on CD-ROM after each General Meeting.
- The CD-ROM will be distributed to all attendees of the CUG General Meeting and to Installation Delegates who were not in attendance at the General Meeting.
- CD-ROMs will be sold only to persons from CUG member sites.
- *Proceedings* papers that authors wish to support on his/her own web server and then link those papers to the *Proceedings* table of contents will be published on the CUG server.

#### **4.10 Election Procedures**

**4.10.1** The list of candidates for each office including those proposed by the nominating committee and those nominated early by petition will be made available to the members at least thirty days before the election. Nominations by petition are accepted until 6:00 p.m. two days prior to the election.

**4.10.2** The final list of candidates and their statements will be posted on the conference notice board from not later than 6:30 PM on the day preceding the election.

**4.10.3** A candidate for office is entitled to make a written statement of maximum 400 words, which will be posted on the notice board. This statement may contain information about the candidate's background, his or her participation in CUG and plans when in office.

**4.10.4** All persons running for office are entitled to address the General Meeting for not more than three minutes immediately before the election.

**4.10.5** The CUG President conducts the election unless he/she is running for an office. If the President is unable to run the election, the Vice-President conducts the election. If the Vice-President is unable to preside, the Board of Directors chooses one of its members, who is not running for office, to conduct the election. If this is not possible, the Chair of the Nominating Committee will conduct the election.

**4.10.6** The CUG Secretary, who is responsible for distributing the ballots, should ensure they are prepared properly and that the procedure for selecting the voting members is correct. The person conducting the election should appoint two persons to count the ballots.

**4.10.7** All ballots should be retained for 30 days.

#### **4.11 The CUG Logo**

**4.11.1** The Board of Directors shall provide a logo. This logo is currently to be in the form of the plan (top) view of three CRAY-1A's, each oriented so as to form the word: "CUG." The three words "CRAY USER GROUP" are superimposed on and within the lower half of each symbol, one word per symbol. Beneath the three symbols the word "Incorporated" appears. The color of the CUG logo shall be PMS 287 blue.

### **5.0 Site Representation**

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#### **5.1 The Role of an Installation Delegate**

**5.1.1** The Installation Delegate is the official spokesperson for the site. He/she informs the CUG Secretary when the Delegate, the Technical Contact, the Operations Contact, or the User Services Contact changes. He/she is responsible for ensuring dues are paid to the Corporation.

**5.1.2** The Installation Delegate is the official CUG contact for an installation and is responsible for forwarding CUG information to the interested members of his/her organization. The delegate will receive information concerning CUG meetings, changes in the CUG organization, special technical documents, and ballots for scheduled elections.

**5.1.3** The purpose of CUG is best served if all installations take an active part in different activities. The Installation Delegate should, at a minimum, attend General Meetings on a regular basis.

#### **5.2 Voting**

**5.2.1** The Installation Delegate has the exclusive right to cast the vote for his/her site on all general matters of the Corporation. (See Bylaws Sections 5.6–5.10 for voting procedures.)

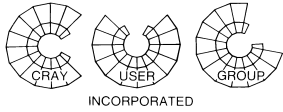
#### **5.3 Nominations**

**5.3.1** The Installation Delegate can, together with at least two other Installation Delegates, nominate candidates for any office.

### **6.0 Cray User Group Privacy Policy**

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The Cray User Group, Incorporated (CUG) takes your privacy very seriously. We do not, and have never, sold or disseminated personal information to any parties outside of CUG. Information you provide is used to create and maintain individual accounts, to contact you to respond to inquiries, for statistical purposes, to administer our systems, to conduct surveys, to support CUG conferences, and to provide technical support.



Membership Application and Change Request Form

Please complete this form and send it to: CUG Office, 3224 Southwood Drive, Philomath, Oregon 97370 USA, (1-541) 929-3776 Fax: (1-509) 272-7239 cug@cug.org

Any institution that owns or operates a high performance computer system as defined in the handbook may apply to join CUG and become a member site. Each member site designates an Installation Delegate who votes for that site in CUG elections and on other membership issues. The Installation Delegate is the principal point of contact for the site's ongoing relationship with CUG and with CUG members and assures that membership records are correct and fees are paid in a timely manner. The annual site membership fee is \$750 (USD) (a bill will be sent upon acceptance of the application).

Instructions: Please print clearly in block letters, or complete electronically, then print and sign.

- To apply for membership, complete all items below.
To change information for an active CUG Member, complete only those items that have changed.
All applications and change requests must bear the signature of the Installation Delegate. In case of a change of Installation Delegate, both the old and new delegates should sign.
Contact the CUG Office at the address above for assistance.

Please provide the name, phone number, and e-mail address for your Cray Inc. Sales Representative:

Sales Representative
Phone E-mail

Please describe the makes and models of high performance computer systems that your organization operates:

Your Organization

Installation Delegate

Street Address
City State Postal Code
Country E-mail

Note: For phone and fax numbers, please include country code, city/area code, and phone number. See phone numbers above for an example where "1" is the country code, "541" is the city/area code, and "929-3776" is the local phone number.

Phone Fax

Technical Contact

Street Address
City State Postal Code
Country E-mail
Phone Fax

Operations Contact

Street Address
City State Postal Code
Country E-mail
Phone Fax

User Services Contact

Street Address
City State Postal Code
Country E-mail
Phone Fax

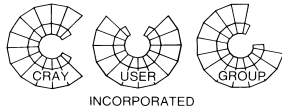
If bills are to be sent to someone other than the Installation Delegate, please provide that information below.

Billing Addressee

Street Address
City State Postal Code
Country E-mail
Phone Fax

Installation Delegate Signature

Date



## **Nomination by Petition**

We the undersigned, being the Installation Delegates of the stated CUG Member Organizations, do hereby nominate:

(nominee's full name) \_\_\_\_\_

being a bona fide employee of (organization) \_\_\_\_\_

for the office or Board of Directors position of \_\_\_\_\_

for the election being held on (date) \_\_\_\_\_

1. Name \_\_\_\_\_ Site Code \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_

2. Name \_\_\_\_\_ Site Code \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_

3. Name \_\_\_\_\_ Site Code \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_

Optional  
4. Name \_\_\_\_\_ Site Code \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_

### **Nomination Acceptance**

**I hereby declare that if I am duly elected to the above position I will diligently perform the duties of the office or the position on the Board of Directors for which nominated during the term thereof. I have the support of my organization to accept nomination and to serve if elected.**

Signature \_\_\_\_\_ Date \_\_\_\_\_

**CUG Members Handbook, Appendix C**

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NOTE: If you use the substitute voting form, please bring it with you to the conference. Do not send it to the CUG Office.

**SUBSTITUTE VOTING FORM**

CUG SITE CODE \_\_\_\_\_

SITE NAME \_\_\_\_\_

\_\_\_\_\_

SUBSTITUTE

Signature \_\_\_\_\_

Name (print) \_\_\_\_\_

INSTALLATION DELEGATE

Signature \_\_\_\_\_

Name (print) \_\_\_\_\_

Date \_\_\_\_\_