

Quality Assurance and OPSEC Review

This form is an approval record for ARL generated information to be presented or disseminated external to ARL.

CLICK TO REVIEW OR UPLOAD SOURCE MATERIALS:

ARL Network

SAFE (Off Network)

FAQ

Section I - To be completed by lead ARL author or COR

A. General Information: Abstract BAA Invention Disclosure Multimedia Presentation Publication Report SBIR Other

1. Today's Date: 09/20/2013	2. Due Date: 10/11/2013	3. Unclassified Title or Solicitation Number/Title: The Ballistic Research Laboratory CAD Package Release 4.0 - Volume 4 The MGED User's Manual
4. Author(s): (Last, First, MI): BRL-CAD team circa. 1991 (document does not identify individual authors) Modern POC: Yapp, Clifford W.	5. Site & Office Symbol: APG RDRL-SLB-S	6. Telephone Number: 410-278-1382
4b. Source Material Folder Location: Y:\ARL_Form_1\SLAD\SLB-S\Yapp.C.20Sep13_BRLCAD4_Vol4		7. Invited: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

4c. Form 1 Author/POC's E-mail address: clifford.w.yapp.civ@mail.mil	8. Contract No.:
4d. Division Chief's E-mail address: rachellem.mouldsdale.civ@mail.mil	ARL COR:
10. Distribution Statement: Is manuscript subject to export control? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	9. Key Words:

11. Check Appropriate Letter and Number(s). See instructions: A B C D E F 0 1 2 3 4 5 6 7 8 9 10 11 12 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	12. Security Classification: Unclassified
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B. Presentation Conference Presentation Notable Presentation Key Note Speaker Briefing

13. Conference / Meeting Name:	14. Conference / Meeting Location:
15. Conference / Meeting Date:	16. Conference / Meeting is: <input type="checkbox"/> Classified <input type="checkbox"/> Other _____ <input type="checkbox"/> Open to General Public <input type="checkbox"/> Unclassified / Controlled Access
17. Will foreign nationals have access to this information? <input type="checkbox"/> Yes <input type="checkbox"/> No	18. Countries and International Agreement(s) of Foreign Nationals:

C. Publication Abstract Book Book Chapter Conference Proceeding Refereed Journal Article Other _____

19. Material will be submitted for publication in:
Journal Title: _____ Country: _____

D. Report Contractor Report Memorandum Report Reprint Special Report Technical Note Technical Report

20. Project No.:	21. Period Covered (mm/yyyy) 12/1991	22. Sponsoring Agency: Ballistic Research Laboratory
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E. Multimedia Software Web Poster Video Clip Other _____

23. Location: DTIC, ARL website, BRL-CAD website, etc.

F. Author's Statement (Signature does not lock fields)

24. All authors have concurred in the technical content and the sequence of authors. All authors have made a substantial contribution to the manuscript, and all authors who have made a substantial contribution are identified in Block 4.

ARL Lead Author or COR _____ Date 09/20/2013

Section II - OPSEC Review Checklist To be completed by an ARL Trained Internal OPSEC Reviewer

OPSEC POC: Complete and explain any positive responses in block 28.
Note: ARL must be the proponent of the proposed information for release.

1. Does this material contain Sensitive Information? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	7. Does this material contain:
2. Does this information contain state-of-the-art, breakthrough technology? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	a. Any contract proposals, bids, and/or proprietary information? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. Does the United States hold a significant lead time in this technology? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	b. Any information on inventions/patent application for which patent secrecy orders have been issued? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. Does this information reveal aspects of reverse engineering? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	c. Any weapon systems/component test results? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
5. Does this material reveal any security practices or procedures? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	d. Any ARL-originated studies or after action reports containing advice and recommendations? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
6. Would release of this information be of economic benefit to a foreign entity, adversary, or allow for the development of countermeasures to the system or technology? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	e. Weakness and/or vulnerability information? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	f. Any information on countermeasures? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	g. Any fielding/test schedule information? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

Section II - OPSEC Review Checklist Continued

h. Any Force Protection, Homeland Defense (security) information? YES NO

i. Information on subjects of potential controversy among military services or other federal agencies? YES NO

j. Information on military applications in space, nuclear chemical or biological efforts: high energy laser information; particle beam technology; etc? YES NO

k. Contain information with foreign policy or foreign relations implications? YES NO

l. Does this information contain current ARL Essential Elements of Friendly Information (EEFI)? YES NO

G. Internal OPSEC Review (Signature locks Section II fields only)

25. OPSEC Review Comments / Explanations / Continuations:

[Empty text box for comments]

26. Internal OPSEC Approval Statement:

I, the undersigned, am aware of the adversary's interest in DoD publications and in the subject matter of this material and that, to the best of my knowledge, the net benefit of this release out weighs the potential damage to the essential security of all ARL, AMC, Army, or other DoD programs of which I am aware.

N/A:

Penny T. Willard

Revise / Review

OPSEC Reviewer Name X _____ OPSEC Reviewer Signature Date 09/23/2013

Section III - Approval to be completed by designated individual(s)

H. Technical Review (Signatures do not lock fields)

27. Technical Reviewer Name(s) Technical Reviewer Signature(s) Date(s)

X _____
X _____
X _____

Revise / Review

I. Supervisor Review (Signature does not lock fields)

28. Supervisor Name X _____ Date 09/23/2013
Supervisor Signature

Revise / Review

J. Technical Publications Editorial Review (Signature locks all fields above)

29. Editor Name X _____ Date
Editor Signature

N/A:

Revise / Review

Section IV - To be completed by designated individual

K. Security (Signatures lock all fields above)

30. ARL OPSEC Officer Material has been reviewed for OPSEC Policy and IS / IS NOT acceptable for public release.

Comments: [Empty text box]

ARL OPSEC Officer Name Daniel B Cramer X _____ Date 09/24/2013
ARL OPSEC Officer Signature

Revise / Review

31. Classified Information:

Classified by/Derived from: _____ Date
Declassified on date: _____ Security Manager X _____

N/A:

Revise / Review

32. Foreign Intelligence Office (Limited distribution information)

FIO Reviewer Name X _____ Date
FIO Reviewer Signature

N/A:

Revise / Review

33. Foreign Disclosure Office

(Limited distribution information for release to foreign nationals)

FDO Reviewer Name X _____ Date
FDO Reviewer Signature

N/A:

Revise / Review

L. Division Chief (Signature locks all fields above)

34. The information contained in this material has received appropriate technical / editorial review and IS / IS NOT acceptable for public release.

Shelly Mouldsdaile, for Bob Bowen

Division Chief Name X _____ Date 09/26/2013
Division Chief Signature

Revise / Review

M. Public Affairs Office (Signature locks all fields above)

35. The information contained in this material has received appropriate technical / editorial review and IS / IS NOT approved for public release.

Joyce M. Conant

PAO Reviewer Name X _____ Date 09/26/2013
PAO Reviewer Signature

N/A:

Revise / Review

General Instructions for Completing ARL Form 1

SECTION I. To be completed by the lead ARL author or COR.

NOTE: Lead ARL author or COR must complete Part A and Part F for all documents receiving Form-1 approval.

Part A. General Information: *To be completed for all material requiring Form-1 approval.*

Header: Mark the box applicable to the material being reviewed. See Definitions for further information. If "Abstract" or "Publication" is marked, complete Part C. If either "BAA", "Invention Disclosure" or "SBIR" is marked, complete Part A only. If "Presentation" is marked, complete Part B. If "Report" is marked, complete Part D. If "Multimedia" is marked, complete Part E. If "Other" is marked, complete form as needed and contact the ARL OPSEC Officer if any assistance is required.

- Block 1.** Enter the date the Form-1 is completed in mm/dd/yyyy format.
- Block 2.** Enter the date the Form-1 is due back (if applicable) to the lead ARL author or COR with all required approvals in mm/dd/yyyy format.
- Block 3.** Enter the unclassified title of the material. If this is a BAA or SBIR, enter the solicitation number and/or title.
- Block 4.** Enter the names of all coauthors, in order of contribution, with the lead author listed first.
- Block 5.** Enter the Site and office symbol of the lead ARL author or COR.
- Block 6.** Enter the telephone number of the lead ARL author or COR.
- Block 7.** Mark "Yes" if the author was extended a personal invitation by the sponsoring organization to give a presentation or submit a publication. Otherwise, mark "No."
- Block 8.** If this material was contractor generated, provide the contract number and ARL COR. If not, leave blank.
- Block 9.** Enter key words or phrases identifying major subjects in the report.
Note: All keywords or phrases must be unclassified.
- Block 10.** Mark "Yes" if information is subject to export control. Otherwise, mark "No."
- Block 11.** Mark the appropriate letter for the distribution statement (ref: DoD Directive 5230.24) at the time of generation along with the valid corresponding numbered reason(s) as follows:

Authorized Distribution Statements

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.
DISTRIBUTION STATEMENT B. Distribution authorized to U.S. Government Agencies only (fill in reason) (date of determination). Other requests for this document shall be referred to (insert controlling DoD office).
DISTRIBUTION STATEMENT C. Distribution authorized to U.S. Government Agencies and their contractors (fill in reason) (date of determination). Other requests for this document shall be referred to (insert controlling DoD office).
DISTRIBUTION STATEMENT D. Distribution authorized to the DoD and U.S. DoD contractors only (fill in reason) (date of determination). Other requests shall be referred to (insert controlling DoD office).
DISTRIBUTION STATEMENT E. Distribution authorized to DoD Components only (fill in reason) (date of determination). Other requests shall be referred to (insert controlling DoD office).
DISTRIBUTION STATEMENT F. Further dissemination only as directed by (inserting controlling DoD office) (date of determination) or higher DoD authority.

Possible reason(s)

- 0. Public release
- 1. Foreign government information
- 2. Proprietary information
- 3. Critical technology
- 4. Test and evaluation
- 5. Contractor performance evaluation
- 6. Premature dissemination
- 7. Administrative/operational use
- 8. Software documentation
- 9. Specific authority
- 10. Export limitations
- 11. Direct military support

Export-control warning notice (Ref. DoD 5230.25):

Indicate (Block 10) whether this information is subject to export control (e.g., International Traffic in Arms Regulation (ITAR) or Export Administration Regulation (EAR)). A publication containing export-control technical data must carry the following statement on its cover:

Warning-This document contains technical data whose export is restricted by the Arms Export Control Act (Title 22, U.S.C., Sec. 2751 et seq.) or the Export Administration Act of 1979, as amended, Title 50, U.S.C. App 2401 et seq. Violations of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DoD Directive 5230.25.

Block 12. Designate the highest security classification of this information.

Part B. Presentation. *Complete all blocks if "Presentation" is marked in Part A.*

- Header:** Mark the box applicable to the type of presentation being reviewed. See Definitions for further information.
- Block 13.** Enter the name of the conference or meeting where the presentation will be given. Also, select "TCCP" or "NATO" if applicable.

- Block 14.** Enter the geographic location where the conference or meeting will be held.
- Block 15.** Enter the date the presentation will be given in mm/dd/yyyy format.
- Block 16.** Mark the appropriate box. If conference or meeting is classified, enter the level of classification.
- Block 17.** Mark the appropriate box.
- Block 18.** If "Yes" is marked in block 17, identify the international agreement that authorizes release of information. Controlled unclassified information requires Foreign Disclosure Officer approval in Block 30. For assistance, contact your Intelligence/Security Division.

Part C. Publication. *Complete all blocks if "Publication" is marked in Part A.*

Header: Mark the box applicable to the type of publication being reviewed. See Definitions for further information.

Block 19. Enter the journal title and the country where the publication will be published.

Part D. Report. *Complete all blocks if "Report" is marked in Part A.*

Header: Mark the box applicable to the series of ARL report being reviewed. See Definitions for further information.

Block 20. Enter the ARL project number under which the work reported was carried out. This number is used only to provide a means of identifying the principal source of support for the work involved.

Block 21. Enter the inclusive dates in mm/yyyy format of the period covered, such as the life of a contract in a final contractor report.

Block 22. Enter the name of the sponsor of the work.

Part E. Multimedia. *Complete all blocks if "Multimedia" is marked in Part A.*

Header: Mark the box applicable to the type of multimedia material being reviewed. See Definitions for further information.

Block 23. Enter the location of where the information will be available or the audience to which the information will be disseminated. For example, the location where a poster will be hung or the URL for the Web site where the material will be posted.

Part F. Author's Statement.

Block 24. Lead ARL author or COR reads the Author's Statement and signs this block. Enter the date in mm/dd/yyyy format.

SECTION II. *To be completed by an ARL Trained Internal OPSEC Reviewer.*

Part G. Internal OPSEC Review.

ARL Internal OPSEC reviewer reviews the document, completes the OPSEC Checklist, and explains any boxes marked "Yes" in Block 28. If release is approved, the reviewer signs Block 29. An Internal OPSEC review is required for all documents.

Block 25. Internal OPSEC reviewer enters any comments/explanations/continuations regarding the OPSEC Checklist.

Block 26. If the ARL Internal OPSEC reviewer approves release, the reviewer reads the Internal OPSEC Approval Statement and enters name, signature, and date in mm/dd/yyyy format.

Part H. Technical Review.

Lead ARL author or COR selects ARL employee(s) familiar with the material to review the information for technical merit and clarity. Signature indicates that the information is technically accurate and worthy of publication.

Block 27. The technical reviewer enters name, signature, and date in mm/dd/yyyy format after reviewing the document.

Part I. Supervisor Review.

Lead ARL author or COR's first-line supervisor reviews the document for proprietary information, technical accuracy, appropriate distribution statement and security classification, and ensures the information furnished on the form is correct. For joint ARL employee/contractor documents, the supervisor confirms the document is consistent with the contract. For ARL reports, the supervisor confirms the report series and distribution list is correct.

Block 28. Lead ARL author or COR's first-line supervisor enters name, signature, and date in mm/dd/yyyy format.

SECTION III. *To be completed by the designated individual.*

Part J. Technical Publishing Editorial Review.

Technical Publishing (Tech Pubs) reviews the document for editorial accuracy, clarity, and consistency, offering comments and suggestions. Lead ARL author or COR submits an electronic Word file of the document being reviewed along with a copy of the Form-1 with Technical and Internal OPSEC Review approvals to techpubs@arl.army.mil. This is MANDATORY for all ARL Reports, and the lead ARL author or COR must provide Tech Pubs with a completed Form-1 once all approvals and signatures are obtained. Requirement for Tech Pubs Editorial Review for document other than ARL Report is at the discretion of management. Author may choose to have documents editorially reviewed even if it's not required.

Block 29. Editor enters name, signature, and date in mm/dd/yyyy format after reviewing the document.

SECTION IV. To be completed by the designated individual.**Part K. Security.**

- Block 30.** ARL OPSEC Officer reviews the document and, if approved for final release, enters name, signature, and date in mm/dd/yyyy format.
- Block 31.** Enter the classification authority in "Classified by/Derived from:" in accordance with DoD Directive 5200.1 F, Chapters I, IV, VII, XI, App A. Indicate the specific date or event for declassification for "Declassify on".
- Block 32.** Foreign Intelligence Office reviewer reviews document and, if the document is approved for public release, enters name, signature, and date in mm/dd/yyyy format. After signing, return to ARL OPSEC Officer.
- Block 33.** Foreign Disclosure Officer approval for limited distribution of controlled unclassified and classified information for release to foreign nationals.

Part L. Division Chief.

- Block 34.** Division chief reviews the Form-1 and ensures that all approvals have been completed and that the material is suitable for release. After signing, the Division Chief should forward Distribution A - Public Release document to the ARL Public Affairs Office for further processing.
Division Chief reviews the Form-1, marks the appropriate box regarding approval for public release, and enters name, signature, and date in mm/dd/yyyy format.

Part M. Public Affairs Office.

- Block 35.** Public Affairs Office reviewer reviews document and, if the document is approved for public release, enters name, signature, and date in mm/dd/yyyy format. After signing, return to Division Administrative Officer (AO).

DEFINITIONS

Presentation - A description of research or information that is intended to be conveyed graphically and orally, usually using PowerPoint.

Conference Presentation - A competitively selected presentation to be delivered at a forum sponsored by a professional organization.

Notable Presentation - A high visibility presentation to an organization or set of individuals that is not competitively selected, such as presentations given to Generals or SESs.

Keynote Presentation - A presentation given by a notable individual who draws attention and participants to the conference or meeting.

Briefing - A presentation that is not a conference, notable presentation, or keynote presentation, such as team briefings or status updates.

Publication - A descriptive research paper published by a private sector organization.

Abstract - A synopsis of a research study that is typically one or two paragraphs, but may be as long as one to three pages.

Book - A lengthy research paper published independently of other research papers.

Book Chapter - A research paper that is published along with several other research papers of a common topic in a book format.

Conference Proceedings - A research paper or slides that describe research from an accompanying conference presentation and is published by the conference sponsor.

Refereed Journal Article - A peer reviewed research paper published in a periodical.

Other - A privately published document that is not defined by the preceding five categories of publication.

Report - A technical paper published by ARL.

Contractor Report - A report generated solely by contractors for ARL.

Memorandum Report - A report used to document segments of a project or projects that are limited in scope or significance. MR is most often used to provide interim progress reports about ongoing research or analysis.

Reprint - A report that reproduces a paper previously published in a professional journal or proceedings.

Special Report - A report reserved to meet administrative or informational special requirements for the various disciplines within ARL.

Technical Report - A report containing scientific, engineering, or technical breakthroughs of general or permanent interest to the scientific community. TR provides a significant contribution to existing knowledge, with a broader scope and distribution than other series.

Technical Note - A small-scale report, either in significance or physical length, that undergoes a rapid technical and editorial review before being disseminated to a limited audience.

Multimedia - A form of information published in a non-traditional venue or a non-traditional format.

Software - A program used to direct the operation of the computer as well as documentation giving instructions on how to use it.

Web - A depiction of research to be posted on the Internet only.

Poster - A depiction of research displayed on a single placard.

Video Clip - A visual and oral presentation of research stored in an electronic format.

Other - A form of information presented in a format that is not described by the preceding three categories of multimedia.