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NASA Procedural Requirements

COMPLIANCE IS MANDATORY**NPR 2210.1C**Effective Date: August 11,
2010Expiration Date: August 11,
2020[Printable Format \(PDF\)](#)

Request Notification of Change (NASA Only)

Subject: Release of NASA Software - Revalidated w/change 1

Responsible Office: Office of the Chief Technologist[| TOC](#) | [ChangeHistory](#) | [Preface](#) | [Chapter1](#) | [Chapter2](#) | [Chapter3](#) | [AppendixA](#) | [AppendixB](#) | [AppendixC](#) | [ALL](#) |

Preface

P.1. Purpose

This NASA Procedural Requirements (NPR) establishes procedures and responsibilities for the reporting, review, assessment, and release of software created by or for NASA. These procedures reinforce that NASA software is reported and released both internally and externally, according to law and NASA policies, with appropriate restrictions on the use and redistribution of the software. The unrestricted release of NASA software, as defined in Appendix A at paragraph A.2.7, is prohibited.

P.2. Applicability

a. This NPR is applicable to NASA Headquarters and Centers, including Component Facilities, and to Jet Propulsion Laboratory (JPL), a Federally Funded Research and Development Center (FFRDC) to the extent specified in its contract.

b. This NPR is applicable to the reporting, review, assessment, and release of all software:

(1) Created exclusively by, or jointly with, NASA employees as part of the NASA employee's official duties;

(2) Created by a non-Federal party where intellectual property rights to the software have been assigned to the U. S. Government, or have been licensed to the Government where the license authorizes the Government to further release the software; or,

(3) In the lawful possession of NASA, except as otherwise stated in subparagraphs d through g.

c. This NPR applies to software that (1) is or has been used in a NASA program, (2) was produced by or for NASA, or (3) may have significant commercial value or significant utility to potential private or public sector users or applications outside of NASA. Mobile applications (apps) are covered under this NPR.

d. This NPR does not apply to software that has been classified pursuant to Executive Order 12958 by an Original Classification Authority and is designated and marked as Top Secret, Secret, or Confidential.

e. This NPR does not apply to software released without restriction as to use or disclosure prior to October 17, 1997 (the original issue date of NPD 2210.1) unless such software has been modified to add new functionality since it was released.

f. This NPR does not apply to bug fixes. Bug fixes alone may be released without complying with the requirements of this NPR. Previously released software that has been modified only by incorporating bug fixes may be released to the same recipient(s) without requiring additional reporting, reviews or agreements under this NPR. For applicability of this NPR to minor code enhancement of pre-existing software, see paragraph 1.8.4

g. This NPR does not apply to computer databases, websites or software documentation, as defined at A.1.14, unless such documentation discloses software source code.

(1) In accordance with applicable laws and regulations, Centers have discretionary authority to publicly release computer databases and software documentation depending on the Government's rights and obligations with regard to such data.

(2) Upon request and depending on the Government's intellectual property rights and any other legal restrictions on release (e.g., export control), NASA computer programs that are used to read and manipulate computer databases may be publicly released with the computer databases, but only if such computer programs are not commercially available. For the release of software documentation, see Appendix A. In addition, certain types of information are restricted from dissemination via NASA public Web sites in accordance with NPR 2810.1, Security of Information Technology, section 11.3.9, Internet Publishing Content Requirements.

h. In general, software is not considered a record under the Freedom of Information Act (FOIA) and, therefore, is not subject to the mandatory release requirements of the FOIA. Requests for software under the FOIA shall be coordinated between the Center FOIA Office and the Center Software Release Authority.

i. In this directive, all mandatory actions (i.e., requirements) are denoted by statements containing the term "shall." The terms: "may" or "can" denote discretionary privilege or permission, "should" denotes a good practice and is recommended, but not required, "will" denotes expected outcome, and "are" and "is" denotes descriptive material.

j. In this directive, all document citations are assumed to be the latest version unless otherwise noted.

P.3. Authority

NPD 7120.4, NASA Engineering and Program/Project Management Policy, dated March 16, 2010.

P.4. Applicable Documents and Forms

- a. 44 U.S.C., Chapter 36, E-Government Act of 2002 (PL 107-347).
- b. NASA Supplement to the FAR (NFS), 48 CFR Subpart 1807.1, Acquisition Planning.
- c. NPD 1440.6, NASA Records Management.
- d. NPD 2090.6, Authority to Enter Into License Agreements and Implementation of Licensing Authority.
- e. NPD 2091.1, Inventions Made By Government Employees.
- f. NPD 2110.1, Foreign Access to NASA Technology Transfer Materials.
- g. NPD 2190.1, NASA Export Control Program.
- h. NPD 2810.1, NASA Information Security Policy.
- i. NPR 1441.1, NASA Records Retention Schedules.
- j. NPR 2800.2, Electronic and Information Technology Accessibility
- k. NPR 2810.1, Security of Information Technology.
- l. NPR 7120.4, NASA Engineering and Program/Project Management Policy
- m. NPR 7150.2, NASA Software Engineering Requirements.
- n. NPR 7500.2 NASA Technology Transfer Requirements.
- o. NASA-STD-8719.13, Software Safety Standard.
- p. NASA-STD-8739.8, Software Assurance Standard.

P.5. Measurement/Verification

The NASA Technology Transfer System (NTTS) shall be used to record and maintain metrics data on all software reported and released under this NPR. Performance measures will be implemented to assess the Agency's compliance with intellectual property rights associated with computer software distributed by the Agency in accordance with Executive Order 13103, Computer Software Piracy.

P.6. Cancellation

NPR 2210.1B, Release of NASA Software, dated August 11, 2010.

REVALIDATED WITH CHANGE 1, 8/05/15, ORIGINAL SIGNED BY:

/S/
Robert D. Braun, Ph.D.
Chief Technologist

| [TOC](#) | [ChangeHistory](#) | [Preface](#) | [Chapter1](#) | [Chapter2](#) | [Chapter3](#) | [AppendixA](#) |
[AppendixB](#) | [AppendixC](#) | [ALL](#) |

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