

[| NODIS Library](#) | [Legal Policies\(2000s\)](#) | [Search](#) |

NASA Procedural Requirements

COMPLIANCE IS MANDATORY**NPR 2210.1C**
Effective Date: August 11,
2010
Expiration 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](#) |

Chapter 1. Responsibilities

1.1 Office of the Chief Technologist (OCT)

1.1.1 The Chief Technologist is responsible for the overall management of the NASA software release policy established by NPD 7120.4 and shall establish and implement software release procedures, requirements, and supplemental policy with the General Counsel or designee.

1.1.2 The Chief Technologist shall encourage the broadest appropriate dissemination of NASA software.

1.1.3 The Chief Technologist shall charter a Software Release Authority Working Group (SRAWG) to oversee the software release process.

1.1.3.1 The SRAWG shall coordinate with the Software Working Group (SWG), chartered by the Office of the Chief Engineer and defined in NPD 7120.4, to ensure appropriate visibility of software issues within the Agency.

1.1.3.2 The Chairperson of the SRAWG shall be a member of the SWG.

1.1.3.3 The Center official designated by the Center Director, or his/her designee(s), is responsible for coordinating a technology commercialization assessment of software deemed within the scope and purpose of this NPR.

1.2 General Counsel

1.2.1 The General Counsel and the Agency Counsel for Intellectual Property (ACIP), or their designee(s), are responsible for providing and maintaining the NASA Model Software Usage Agreement(s) (SUA), the legal instrument(s) employed in releasing NASA software, as described herein.

1.2.2 Uniformity in SUA(s) across Centers shall be achieved to the maximum extent practicable.

1.2.2.1 When requested to modify a NASA model SUA, or create a new model SUA, the Center official designated by the Center Director, and the ACIP, or their designee(s), shall work jointly toward establishing mutually acceptable standardized language for SUA(s), as well as determining acceptability of requests for modifications to the model SUA(s).

1.2.3 The ACIP and the Center Patent or Intellectual Property (IP) Counsel (or Center Chief Counsel, at Centers without Patent or IP Counsel), or their designee(s), are responsible for providing appropriate legal counsel with respect to an Intellectual Property and Releasability Rights Assessment under Section 2.4 of this NPR on software prior to its approval for all releases unless exempted by the SRA as defined in 2.2.3.1. Where applicable, the Center Chief Counsel shall also be consulted.

1.2.4 The ACIP and the Center Patent or IP Counsel (or Center Chief Counsel, at Centers without Patent or IP Counsel), or their designee(s), in cooperation with the Center SRA, are responsible for preparing the SUA(s) and any other necessary legal instruments(s) employed in releasing NASA software and for consulting applicable contracting officers regarding release of software as Government Furnished Information (GFI) under Section 2.8.6.2.

1.3 Center Export Administrator (CEA)

1.3.1 The CEA is responsible for coordinating an export control assessment on all software prior to its Approval for Public Release, Approval for Open Source Release, or Approval for U.S. and Foreign Release, (i.e., assisting with a determination whether the software, or some portion thereof, is subject to export restrictions under either the Export Administration Regulations or the International Traffic in Arms Regulations).

1.3.2 When a foreign release of software is contemplated (including a release to a foreign entity within the United States), the CEA shall be consulted to ensure that such release complies with applicable export laws and regulations, and the NASA Export Control Program. See also NPD 2190.1A and NPR 2190.1, both entitled NASA Export Control Program.

1.4 Center Directors

1.4.1 The Center Director, or designee, is responsible for appointing an individual(s) to carry out responsibilities specified in this NPR.

1.4.2 The Center Director, or designee, is responsible for appointing an individual as the Center Software Release Authority (SRA) or for appointing a group of individuals as the Software Release Group. A Software Release Group shall have a team leader or chairperson designated as the Center SRA.

1.5 NASA Inspector General

1.5.1 The NASA Inspector General, or designee, is responsible for appointing an individual or group of individuals as SRA for the purpose of determining the release of forensic software developed by the Office of Inspector General for law enforcement purposes. The SRA appointed for this purpose shall comply with the requirements of this NPR.

1.6 Center Information Security Officer (CISO)

1.6.1 The CISO is responsible for identifying to the Center SRA security risks inherent in the release of specific software and for determining how to eliminate or manage those risks as needed. The Center CISO shall develop guidance on when an IT security assessment may be needed, including a standard checklist to assist the Center SRA in the identifying IT security risks associated with the release of software that will require an IT security assessment. The CISO will be consulted, as warranted by the guidance, by the Center SRA and the responsible software development and assurance organizations prior to the release of the software.

1.7 Office of Communications

The Center Chief of the Office of Communications, or his designee, is responsible for reviewing Public, or External, mobile applications for appropriate content and NASA branding prior to a final release determination by the SRA.

1.8 Software Release Authority

1.8.1 The Center SRA is responsible for ensuring that all releases of applicable software are accomplished in accordance with this NPR.

1.8.2 The Center SRA is responsible for managing the software release process implemented by this NPR in coordination with the Center Patent or IP Counsel, the Center official designated by the Center Director responsible for Commercial Assessment, the CEA, the Center CISO, the Center Procurement Office, the Center Office or Project responsible for the software, and other Center offices as necessary.

1.8.3 The Center SRA may establish supplemental procedures and guidance to support the implementation and administration of the software release process and to determine the applicability of this NPR to software developed by the Center (e.g., determining the applicability of this NPR to software that may be outside the purpose and scope of this NPR).

1.8.4 Minor enhancements to pre-existing software that do not materially alter the operation of the pre-existing software may not be subject to the requirements of this NPR. When requested, the Center SRA shall review minor enhancements and consult with the Center Patent or IP Counsel to determine the applicability of this NPR to the minor enhancement. Where the Center SRA determines that this NPR does not apply to a particular minor enhancement, the minor enhancement alone may be released without complying with the requirements of this NPR.

1.8.5 As determined by the Center SRA, previously released software that has been modified only by incorporating a minor enhancement deemed by the SRA as outside the scope of the NPR may be released to the same recipient(s) without requiring additional reporting, reviews, or SUAs under this NPR.

1.8.6 The Center SRA shall:

- a. Be the Center representative on the SRAWG;
- b. Retain the original or electronic copy of the signed SUA or other Software Release Record, respectively, for each software released in accordance with this NPR and NPR 1441.1; and

- c. Document each individual release of software in the Software Release section of the NASA Technology Transfer System (NTTS). If an electronic copy of the original signed SUA or release record is maintained by the Center SRA, the original paper copy may be discarded. A backup copy may also be attached electronically to the appropriate NTTS record.
- d. Record all SUAs in the NTTS within 10 days of the end of the fiscal year quarter.

1.9 Responsible Center Offices or Projects

1.9.1 The Center Office or Project that has responsibility for a particular software is responsible for recommending a desired release category under section A.2 and shall notify the Center SRA of the following:

- a. Any programmatic restrictions on release of the software;
- b. The software's classification (i.e, Class A - H) as defined in NPR 7150.2, NASA Software Engineering Requirements;
- c. Whether the software complies with the software engineering and assurance requirements of NPR 7150.2 and NASA-STD-8739.8, Software Assurance Standard, for the applicable software classification;
- d. Whether the software is safety-critical software as defined in NASA-STD-8739.8, and if so, whether it complies with the software safety requirements of NASA-STD-8719.13, Software Safety Standard;
- e. The software's Technology Readiness Level (TRL) as defined in NPR 7120.8, NASA Research and Technology Program and Project Management Requirements;
- f. Any software documentation, as defined in Appendix A, that is proposed (or available) for release with the software;
- g. Whether any known export restrictions apply to the software;
- h. Whether the software includes any Open Source or other third party software;
- i. Whether Open Source Release of the software is proposed; and
- j. Whether the software includes any embedded computer databases.

1.9.2 Before the release of any software, the Office or Project that has responsibility for the software, with the assistance of the SRA, shall coordinate with the NASA Center 508 Coordinator, for the purposes of obtaining a decision from the Coordinator regarding the software's Section 508 compliance, including any appropriate exceptions in accordance with NPR 2800.2, Policy on Electronic Information Technology Accessibility.

1.9.3 Open Source Software Development, as defined in paragraph A.1.8, may be used as part of a NASA project only if the Office or Project that has responsibility for acquisition or development of the software supports incorporation of external Open Source Software into software. In addition, the Office or Project responsible for the software acquisition or development shall:

- a. Determine the ramifications of incorporating such external Open Source Software during the acquisition planning process specified in NASA FAR Supplement Subpart 1807.1, Acquisition Plans; and
- b. Consult with the Center Patent or IP Counsel early in the planning process (see 2.4.2.1) as the license under which the Open Source software was acquired may negatively impact NASA's intended use.

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

[| NODIS Library](#) | [| Legal Policies\(2000s\)](#) | [| Search](#) |

DISTRIBUTION: **NODIS**

This Document Is Uncontrolled When Printed.
Check the NASA Online Directives Information System (NODIS) Library
to Verify that this is the correct version before use: <http://nodis3.gsfc.nasa.gov>
