

Frequently Asked Questions

1) How much of the document content is stored in SMARTS?

- For NASA HQ SMA-owned documents: The preface, core chapters, and appendix titles.
- For other NASA documents and unrestricted technical documents: The SMA-specific chapters and sections.
- For restricted access on non-NASA documents: An unclassified summary of the restricted information.

2) Who can access SMARTS?

- SMARTS is available to all NASA civil servants and contractors after obtaining a user account. An anonymous user may be permitted in the future.

3) Do I need any special software to access SMARTS?

- No. SMARTS is Internet accessible via a current Web browser (Internet Explorer 5.0) and a user ID.

4) What is on the horizon for SMARTS?

- More searchable documents
- E-mail notifications to document owners
- Expanded interfaces with other NASA systems
- Waiver/deviation tracking
- Document development
- Links to access NASA's top subject-matter experts for SMA topical areas
- SMA requirements verification information

Contact Information

SMARTS Version 3.0 Web Site:

<http://smarts.nasa.gov>

To obtain a SMARTS user ID,

go to the SMARTS Web site and click on Request an ID, then fill in the requested data. A system administrator will telephone new users with their ID and initial password.

For inquiries and comments on SMARTS's capabilities, contact:

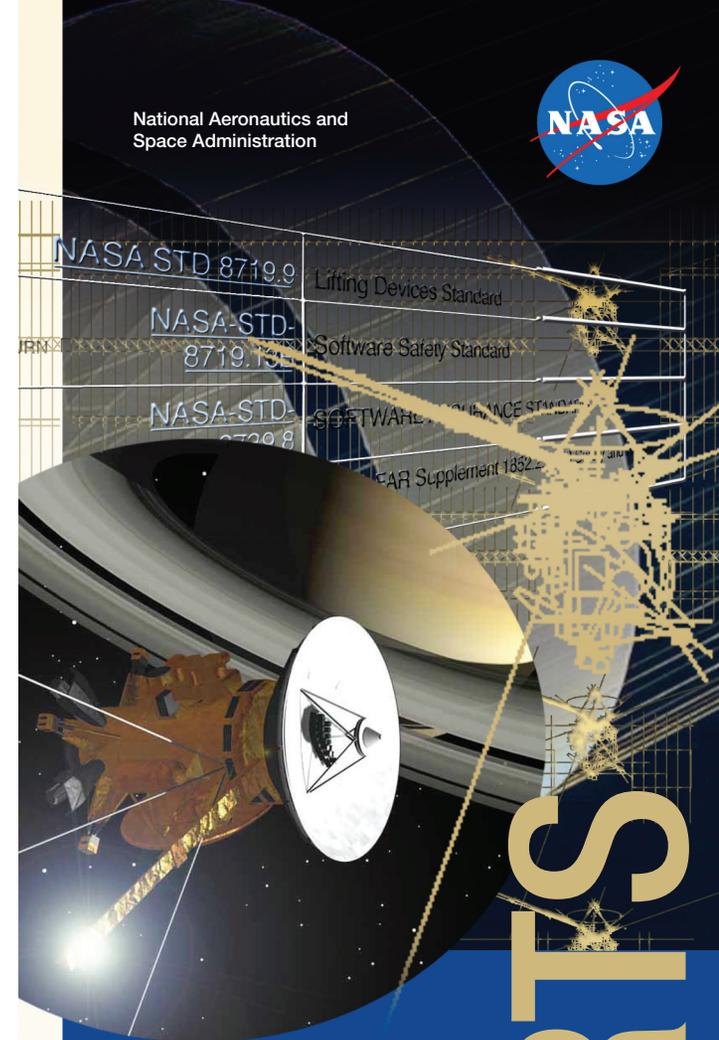
John W. Lyver, IV, C.S.P.
NASA Headquarters
Office of Safety and Mission Assurance
Washington, DC 20546
202/358-1155, jlyver@nasa.gov

For information on NASA SMA

and available resources, check out the OSMA Web site at: <http://www.hq.nasa.gov/office/codeq>

www.nasa.gov

NP-2006-10-447-HQ



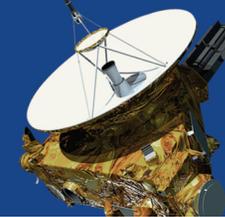
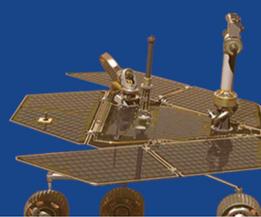
National Aeronautics and
Space Administration



Safety and
Mission Assurance
Requirements
Tracking System

Version 3.0

SMARTS



Overview

SMARTS is an Internet-based information system designed to serve these needs:

- Collecting all Safety and Mission Assurance (SMA) policy requirements and standards requirements at the Agency and Center levels
- Making SMA requirements more accessible
- Supporting research into SMA requirements
- Creating virtual SMA documents with a customized set of requirements tailored to the user's needs
- Supporting data associated with compliance verification of SMA requirements
- Supporting maintenance and development of new SMA policy and procedural documents
- Supporting the flowdown of Agency level requirements to programs

In SMARTS's Future

- Requirements verifiers will be able to track and record data associated with verifications of Centers' programs and projects.
 - Builds a single closed-loop system of requirements development, implementation, verification, and feedback to the document developers.
- SMARTS will interface with the NASA Lessons Learned Information System (LLIS).
 - Closes the loop between requirements and lessons learned to foster continual improvement in requirements documents and implementation.

Current Document Inventory

As of September 2006:

- Twenty-one NASA Policy Directives (NPDs)
- Seventeen NASA Procedural Requirements Documents (NPRs)
- Four NASA Technical Standards
- NASA FAR Supplement (SMA Section)
- HQ SMA Functional Leadership Plan
- Four Presidential Decision Directives
- One Presidential Executive Order
- 29 CFR 1960

The text from these documents duplicates the contents as stored in the NASA Online Directives Information System (NODIS) on the NASA Technical Standards System.

- SMARTS will track and process waivers and deviations to requirements.
 - Provides a single place and method for waiver and deviation processing and tracking and verification/oversight.
- Document developers can update existing documents and add new documents within SMARTS while maintaining the document's version history.

Features of SMARTS 3.0

- Requirements are linked to:
 - SMA key processes
 - Responsible organizations
 - HQ OSMA functions
 - HQ OSMA office work instructions
- Research users can access all data, searches, and reports.
- SMARTS will connect SMA key processes and documents to available training.
- Customized querying capability of SMA requirements and supporting documents to develop virtual SMA requirement documents.
- Centers, programs, and projects can establish their own libraries of documents applicable to their site.
 - Adds site-specific documents to SMARTS and links with NASA and other documents in SMARTS to build Center verification and dedicated research tools.
- SMARTS will be linked to NODIS.
 - Permits NODIS users to do research on SMA requirements and learn how they are implemented.
- SMARTS links to OSMA Doc Tree.

SMARTS - Requirements Documents List ?

[New Document](#) | [Upload Document](#) | [Exit](#) | [sorting](#) | Document Number

Page 1 2

DocID	Doc. Number	Title	RIP	Date	Expires	Contact	Type
42	Executive Order 13043	Increasing Seat Belt Use in the United States	0/1	04/16/97	-	-	EO
33	NASA STD 8719.9	Lifting Devices Standard	239/340	07/08/04	07/08/09	-	NS
	NASA-STD-8000	Software Safety Standard	105/206	07/28/04	07/28/09	-	NS
		SAFETY STANDARD	20/21	04/01/02	-	-	FL
		and Health.	0/0	02/03/03	02/03/06	-	ND
				07/03/03	07/03/08	-	ND