



SPACE SHUTTLE PROGRAM
Space Shuttle Systems Engineering and Integration Office
NASA Johnson Space Center, Houston, Texas



PRCB ACTION S063515R1 1-1

**RECOMMEND SPACE SHUTTLE SYSTEM
YEAR END ROLLOVER (YERO) REQUIREMENT**

January 25, 2007

MS/Darrell Stamper



SPACE SHUTTLE PROGRAM
Space Shuttle Systems Engineering and Integration Office
NASA Johnson Space Center, Houston, Texas



Recommend YERO Requirement in NSTS 07700

Presenter **MS/Darrell Stamper**

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- **Action**
 - **Define program requirement for Year-End Rollover (YERO). Present recommendation to the PRCB.**

- **Recommend adding one requirement NSTS 07700 Vol. X, Book 1 to cover Shuttle flight hardware, MCC, and LPS.**

- **Add paragraph 3.2.2.1.26 – Year-End Rollover**
 - **The SSS, including the ground systems, shall support flights spanning the end of the calendar year. Use of automated means, manual means, and ground uplinks may be performed to satisfy this requirement. Specific operational periods when end of year transition should not occur are specified in NSTS 07700 Volume III.**

- **Recommend updating FDRD to include YERO operational periods as they are defined, e.g.:**
 - **Not inside T-11 hours**
 - **No ascent, entry, or docking**
 - **Allocate time to execute procedure (preferably while docked)**



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Recommend YERO Requirement in NSTS 07700	Presenter MS/Darrell Stamper	
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- **PRCB CR S063553 has been submitted to baseline the requirement.**

- **Recommendation:**
 - **Close PRCB action CR S063515R1 1-1 based on this presentation and the submittal of CR S063553.**

PCIN 063553	SPACE SHUTTLE PROGRAM CHANGE REQUEST	PAGE 1 OF 4
CR NO. S063553		ACCEPTANCE: N/A <input checked="" type="checkbox"/> Prior-to <input type="checkbox"/> Post <input type="checkbox"/>
INITIATED BY: Daryl Peltier		OFFICE: MS4
CHANGE TITLE: BASELINE SPACE SHUTTLE SYSTEM YEAR END ROLLOVER (YERO) REQUIREMENT IN NSTS 07700 VOL. X BOOK 1		PHONE #: 281-483-5362
CHANGE PROPOSALS/REQUESTS IDENT. NO.	SSP DOCUMENTS AFFECTED NSTS 07700, Vol. X, Book 1	
DESCRIPTION OF CHANGE: (See attached pages 3 and 4.)		
REASON FOR CHANGE : This change baselines a Space Shuttle System requirement to support flights spanning the end of the calendar year.		
SSP-MG/MANAGEMENT INTEGRATION USE ONLY		
OUTSIDE BOARD: _____	EVALUATION DUE: _____	BOARD DATE: _____

PCIN 063553	SPACE SHUTTLE PROGRAM DOCUMENT CONTINUATION SHEET	PAGE <u> 3 </u> OF <u> 4 </u>
S063553		DATE 1/25/07

DOCUMENT:

BASELINE SPACE SHUTTLE SYSTEM YEAR END ROLLOVER (YERO) REQUIREMENT IN NSTS 07700 VOL. X BOOK 1

NSTS 07700, Volume X, Book 1

Add paragraph 3.2.2.1.26

3.2.2.1.26 Year-End Rollover

The SSS, including the ground systems, shall support flights spanning the end of the calendar year. Use of automated means, manual means, or ground uplinks may be performed to satisfy this requirement. Specific operational periods when end of year transition should not occur are specified in NSTS 07700 Volume III.

Update: Table 4.1 VERIFICATION RESPONSIBILITY MATRIX

(See attached page 4)



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PRCB CR S063553

**BASELINE SPACE SHUTTLE SYSTEM
YEAR END ROLLOVER (YERO) REQUIREMENT
IN NSTS 07700 VOL. X BOOK 1**

January 25, 2007

MS/Darrell Stamper



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Baseline YERO Requirement in NSTS 07700

Presenter **MS/Darrell Stamper**

Date **January 25, 2007** Page **2**

- **Purpose**
 - **Baseline a program requirement for Year-End Rollover (YERO).**
- **Recommend adding one requirement NSTS 07700 Vol. X, Book 1 to cover Shuttle flight hardware, MCC, and LPS.**
- **Add paragraph 3.2.2.1.26 – Year-End Rollover**
 - **The SSS, including the ground systems, shall support flights spanning the end of the calendar year. Use of automated means, manual means, and ground uplinks may be performed to satisfy this requirement. Specific operational periods when end of year transition should not occur are specified in NSTS 07700 Volume III.**
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