

# CRYOGENIC TARGET HANDLING SYSTEM

## Operations Manual Volume IV

### System Description

#### S-AA-M-031

#### Document Status

The thirteen original chapters of this document were published during the period March to December 2004 on the authority of Steven Loucks. Revision B and subsequent have been authorized by the following:

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#### Revision History:

Revision	Date	Pages Affected	Reasons
A	11/17/04	NA	Initial Release
B	1/10/07	NA	Original Chapters submitted to the PDM . Content was not changed.

**List of Effective Pages**

S-AA-M-031 consists of the most recent version of each of the following Chapters:

<b>Document ID</b>	<b>Chapter</b>	<b>Title</b>
Q-GN-M-007	1	Cryogenic Target Handling System Overview
Q-FA-M-001	2	Target Fabrication
Q-GN-M-008	3	Room 157 Overview
Q-MC-M-002	4	Moving Cryostat Transfer Cart
Q-TF-M-003	5	Tritium Fill Station
Q-HP-M-003	6	DT High-Pressure System
Q-FT-M-008	7	Fill Transfer Station
Q-CS-M-006	8	Characterization Station
Q-LC-M-003	9	Lower Pylon
Q-LC-M-004	10	Upper Pylon
Q-CM-M-003	11	Cart Maintenance Room
Q-TR-M-004	12	Room 157 Tritium Removal System
Q-TT-M-006	13	High-Pressure DT Fill Process

**Distribution**

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Assistant System Engineer/ T. Duffy	7
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Laser Facility Manager/ K. Thorp	9
Room 157 Reference	10
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