

OMEGA SYSTEM

Operations Manual Volume II

System Operations Procedures

S-AA-M-13

Document Status

This document was promulgated on 5 April 1995 on the authority of Professor Robert L. McCrory. This revision has been authorized for release by:

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The content of this document has been revised chapter-by-chapter 142 times through 7 July 2004. From that date forward, the chapters that comprise this document are handled as a separate configuration items per the List of Effective Pages below.

Subsequent changes are listed here.

Revision	Date	Pages Affected	Reasons
AJ	9/2/04	All	Handle chapters as separate documents.
AK	2/22/06	All	Update distribution list to add 3 rd binder.
AL	3/27/07	All	<ul style="list-style-type: none"> • Create separate SO 9 – <u>Tritium Scrubber / Cryopump Regeneration</u> • Reflect creation of use-station-specific binders for selected locations.

List of Effective Pages

S-AA-M-13 consists of the most recent version of each of the following documents:

Document ID	Chapter Ref.	Title
S-OM-M-012	SO 1	OMEGA Shot Operations Procedures – SO 1- Shot Director
S-OM-M-013	SO 2	OMEGA Shot Operations Procedures – SO 2 - Power Conditioning Operator
S-OM-M-014	SO 3	OMEGA Shot Operations Procedures – SO 3 - Beamlines Operator
S-OM-M-015	SO 4	OMEGA Shot Operations Procedures – SO 4 - Laser Drivers Operator
S-OM-M-016	SO 5	OMEGA Shot Operations Procedures – SO 5 - Experimental System Operator
S-OM-M-017	SO 6	OMEGA Shot Operations Procedures – SO 6 - Target Diagnostics
S-OM-M-018	SO 7	OMEGA Shot Operations Procedures – SO 7 - Experimental Cryogenic Technician
S-OM-M-024	SO 8	OMEGA Shot Operations Procedures – SO 8 – Target Chamber TRS Operator
S-OM-M-064	SO 9	OMEGA Shot Operations Procedures – SO 9 – Tritium Scrubber / Cryopump Regeneration
S-OM-P-019	SS 1	OMEGA Subsystem Start-Up & Shutdown Procedures – SS 1- Shot Director / Facility Interlock
S-OM-P-020	SS 2	OMEGA Subsystem Start-Up & Shutdown Procedures – SS 2 – Power Conditioning
S-OM-P-021	SS 3	OMEGA Subsystem Start-Up & Shutdown Procedures – SS 3 – Beamlines
S-OM-P-022	SS 4	OMEGA Subsystem Start-Up & Shutdown Procedures – SS 4 – Laser Drivers
S-OM-P-023	SS 5	OMEGA Subsystem Start-Up & Shutdown Procedures – SS 5 – Experimental System

Distribution of:

OMEGA System Operations Manual
Volume II – System Operation Procedures

S-AA-M-13

This document is collected into three binders:

- OMEGA System Operations Manual Volume II – System Operation Procedures S-AA-M-13 - Part 1(A) Shot Operations – SO 1 through SO 5
- OMEGA System Operations Manual Volume II – System Operation Procedures S-AA-M-13 - Part 1(B) Shot Operations – SO 6, SO 7, SO 8, SO 9
- OMEGA System Operations Manual Volume II – System Operation Procedures S-AA-M-13 – Part 2 Subsystem Start-Up & Shutdown.

The binders are distributed:

Copy #	Location/person	Part 1(A)	Part 1(B)	Part 2
2	Engineering Div. Dir / S. Loucks	X	X	X
3	Assistant System Engineer / T. Duffy	X	X	X
4	OMEGA EP Facility Manager / S. Morse	X	X	X
5	Laser Facility Manager / K. Thorp	X	X	X
6	Assistant System Engineer / T. Wilson	X	X	X
7	Lead System Engineer / T. Hinterman	X	X	X
8	Shot Director Station	X	X	X
9	Power Conditioning Station	X		X
10	Beamline Operator Station	X		X
11	Driver Operator Station	X		X
12	Experimental Operator Station	X	X	X
13	Control Room Conference Room Reference	X	X	X
14	Optomechanical Group / S. Stagnitto	X	X	X
19	Capacitor Bay Reference	X		X
22	Experimental Division – Janezic		X	

Additionally, copies of certain S-AA-M- 013 documents are maintained in binders at certain work stations. See S-AA-M-050 for the current applications.