Contract SSC-92-Z-16308

SDC Muon System Assembly and Installation Study Phase II

Appendix A: Detailed RAM Input Data

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APPENDIX A: DETAILED RAM INPUT DATA

The detailed production, assembly, and installation flow data, grouped by the activity order of Table A-1, are presented in this appendix. It is important to note that this data is the primary input used by the RAM simulation. The data is contained in Microsoft Excel spreadsheets and is read as text files directly by the RAM. Individuals may request a flow template to provide input data.

Each section of this appendix, separated by colored divider sheets, presents the data for one activity. The first pages of a section are flow diagrams showing the sequence of OAs that comprise the activity. A legend defining the flow diagram terminology is shown on Figure A-1. Following this the resources needed for the activity are listed. The spreadsheets that follow the resource list show the functions performed, the resource allocation and deallocation operations, and the time details for each OA.

Table A-1 Activity List

	Activity ID	Activity Name	Operation Action ID	Function ID
BW1 Production				
	52	BW1-2/4 BWT	226-256	2200-2380
	53	BW1-3 BWT Prod	260-290	300-476
	54	BW1-2/4-5	295-325	605-785
	55	BW1-3-5Prod	551-581	2000-2176
BW2 Production				
	61	BW2-1/5-5 Prod	365-383	900-1008
	62	BW2-2/4-5 Prod	385-403	1030-1138
	63	BW2-3-5 Prod	405-423	1170-1277
	65	BW2-3 BWT Prod	690-711	2950-3064
	66	BW2-2/4 BWT Prd	720-741	3100-3215
	67	BW2-1/5 BWT Prd	790-811	3250-3365
BW3 Production				
	71	BW3-1/5-5 Prod	425-461	1300-1504
	72	BW3-2/4-5 Prod	465-501	1530-1738
	73	BW3-3-5 Prod	505-541	1775-1979
	75	BW3-3 BWT Prod	645-680	2700-2896
	76	BW3-2/4 BWT Prd	600-635	2450-2649
	77	BW3-1/5 BWT Prd	750-785	3400-3595
IWT Assembly and Installation				
	81	IWT Assembly	820-829	3650-3693
	82	IWT-N Inst	1800-1807	7180-7209
	83	IWT-S Inst	1820-1827	7220-7249

Table A-1 Activity List (concluded)

	Activity ID	Activity Name	Operation Action ID	Function ID
BW3 Installation				
	41	BW3-1-5-N Inst	90-99	70-111
	42	BW3-2-5-N Inst	10-19	10-51
	43	BW3-3-5-S Inst	70-79	130-171
	44	BW3-4-5-S Inst	50-59	191-232
	45	BW3-5-5-S Inst	30-39	250-291

Other Activities		
	1	Blockout
	2	More Workers
	3	Sojourn
	4	Kickoff
	11	Mod Workstation
	101	WS1 Phase1 Done
	102	WS2 Phase1 Done
	103	WS3 Phase1 Done
	104	WS4 Phase1 Done
	110	IWT Kickoff
	111	WS1 Kickoff
	112	WS2 Kickoff
	113	WS3 Kickoff
	114	WS4 Kickoff
	116	FW SMSA Kickoff
	118	Install Kickoff
	120	IWT Sojourn
	121	WS1 Sojourn
	122	WS2 Sojourn
	123	WS3 Sojourn
	124	WS4 Sojourn

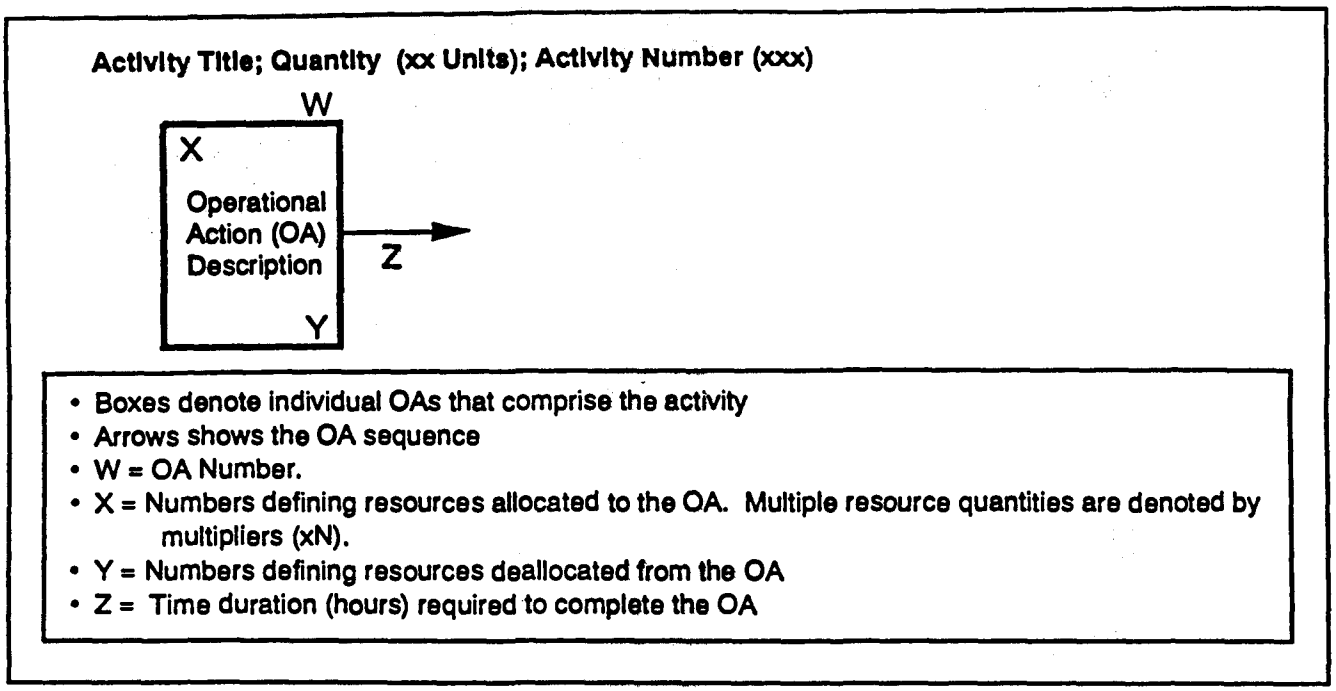

Figure A-1 Legend for Flow Diagram Terminology