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SPACE VEHICLE SCRUB TURNAROUND APOLLO/SATURN
DA MARCH 15, 1972
REVISION 003

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TEST NO. SV-40300
VEHICLE APOLLO 16

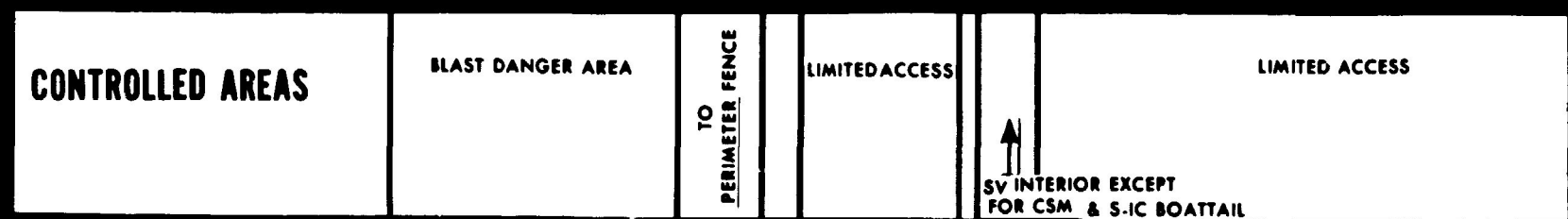
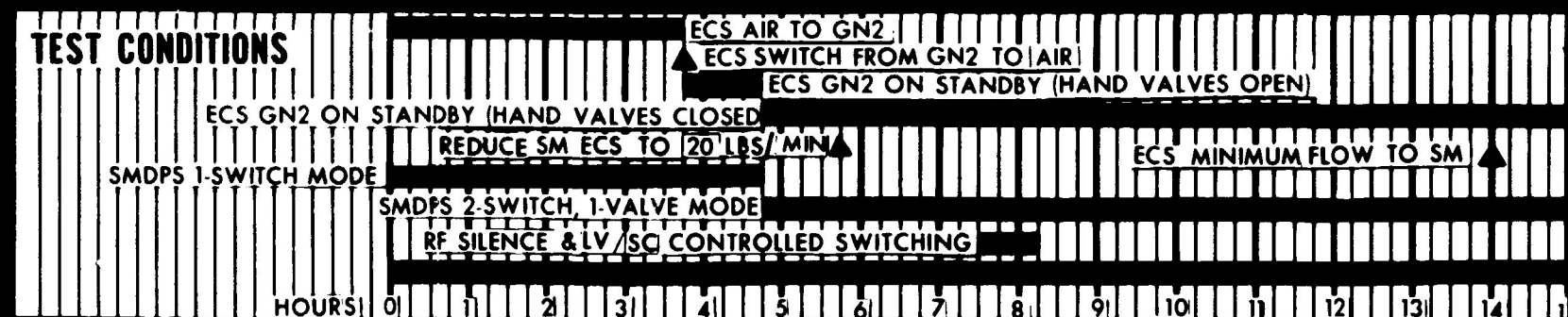
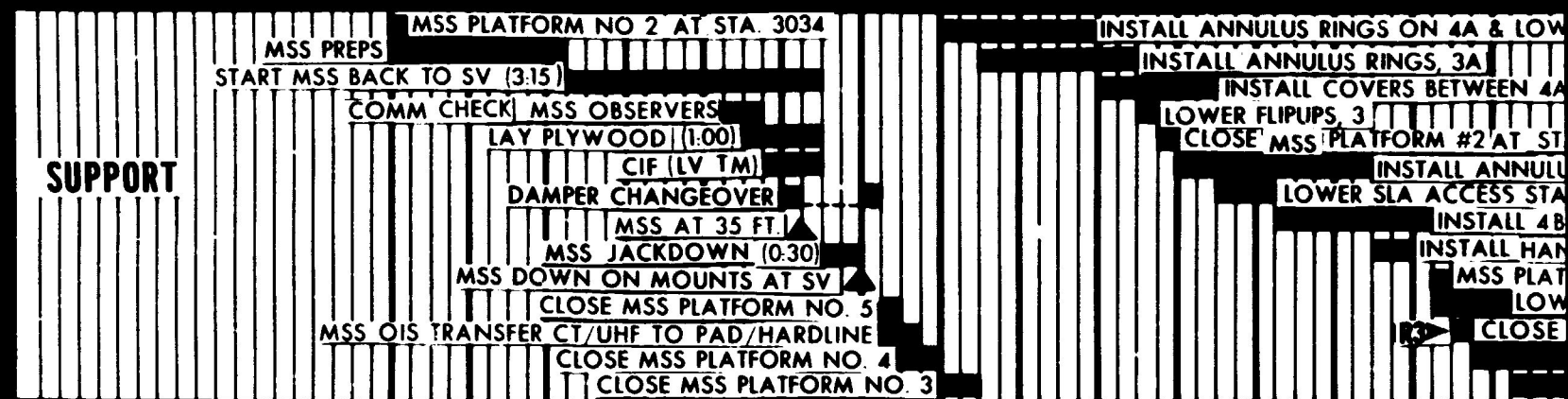
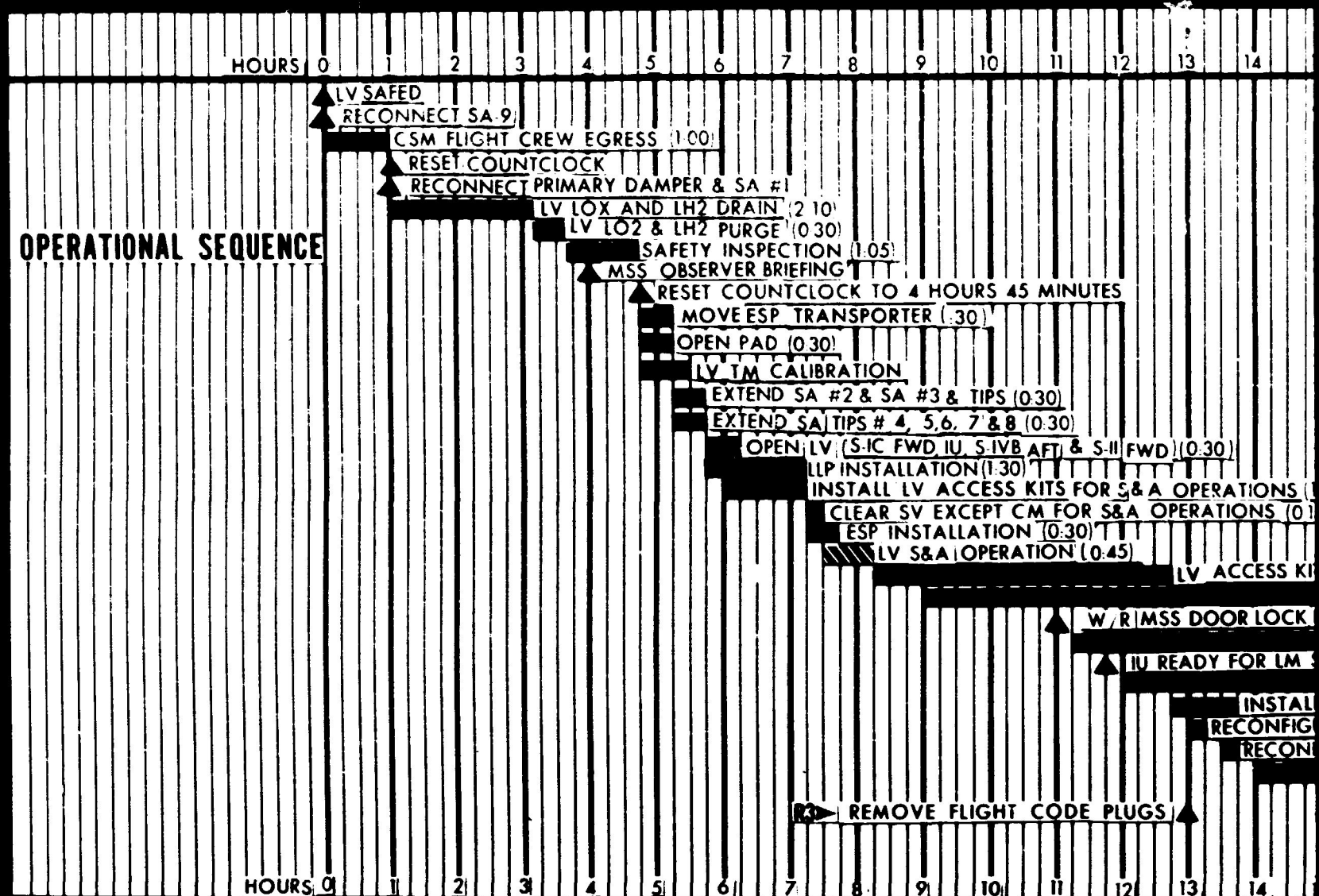
PART I

SCRUB/TURNAROUND OPERATIONS TO A NEXT MONTH LAUNCH
T+4 HOURS 45' 0" TO T+24 HOURS 0' 0" ONLY

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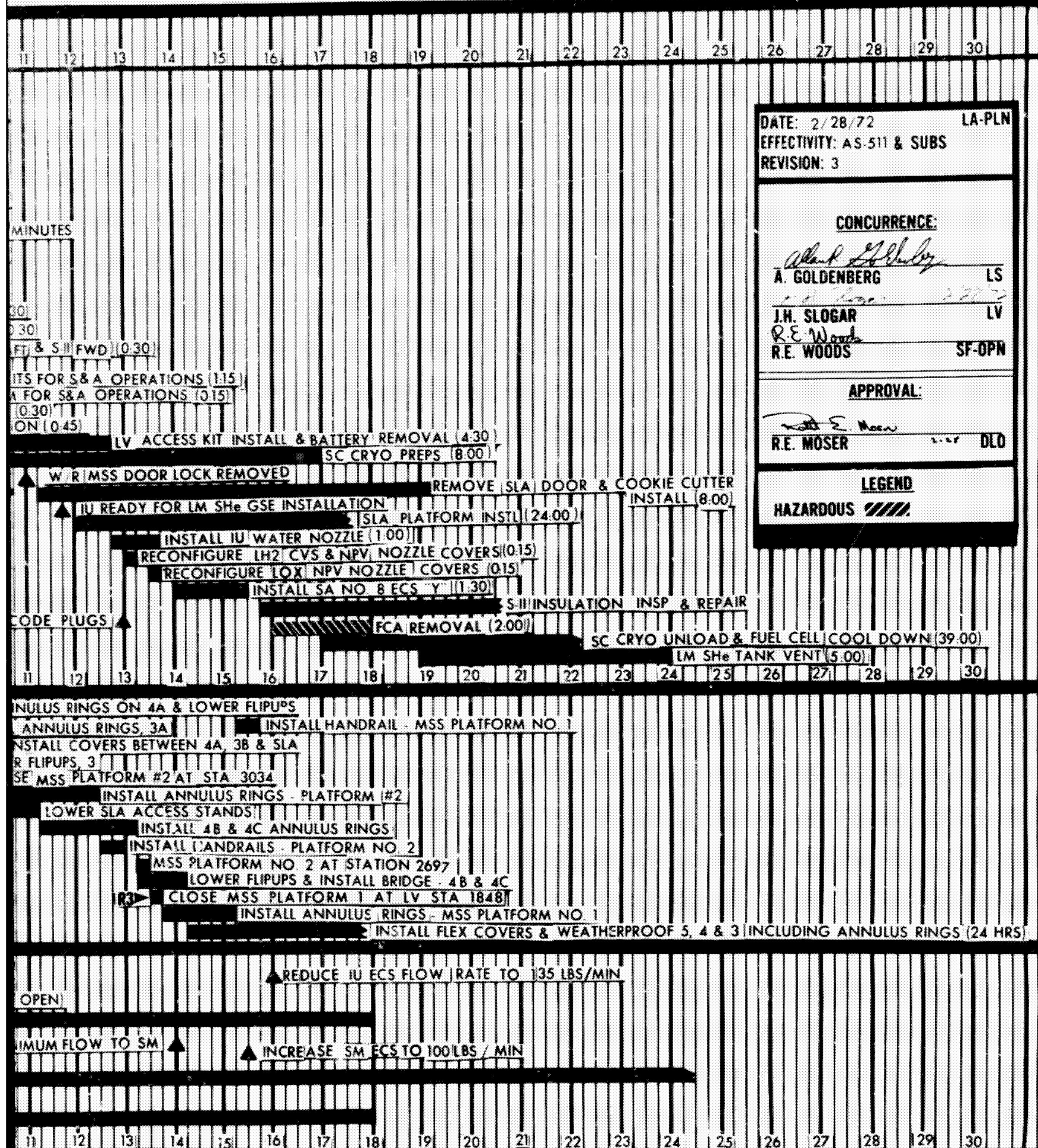
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SPACE VEHICLE SCRUB TURNAROUND
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INITIAL 24 HOUR SV SCRUB/RECYCLE OPERATIONS INTERFACE



RECYCLE OPERATIONS FOR 28 DAY TURNAROUND SIS INTERFACE CONTROL CHART

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DATE: 2/28/72
EFFECTIVITY: AS-511 & SUBS
REVISION: 3

CONCURRENCE:

A. GOLDENBERG LS
J.H. SLOGAR LV
R.E. Woods SF-OPN
R.E. WOODS

APPROVAL:

R.E. Moser DLO

LEGEND

HAZARDOUS

LIMITED ACCESS

SLA INTERIOR,
IU, S-IVB FWD
& 10 FT RADIUS
PATHWAY

LIMITED ACCESS

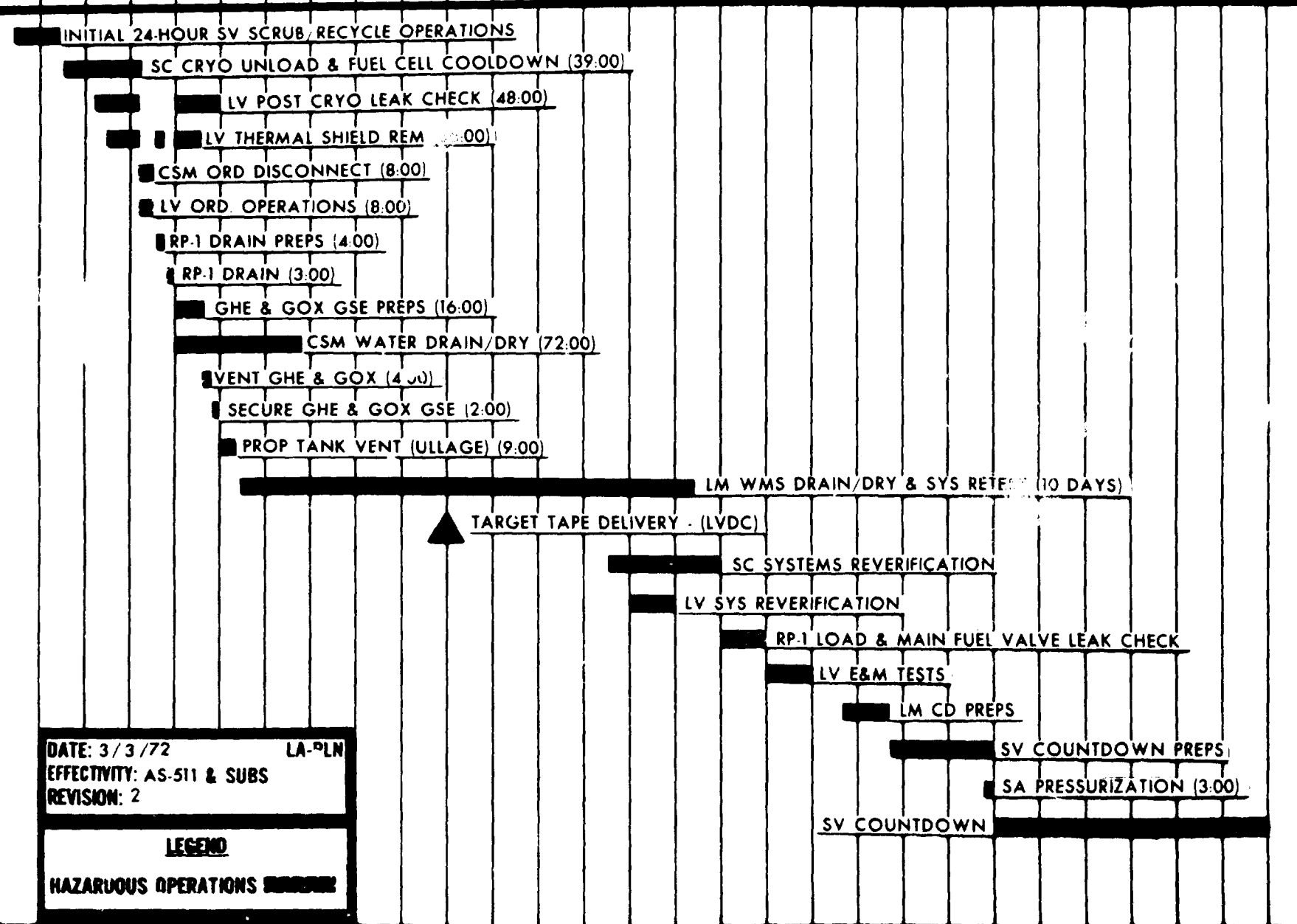
SLA INTERIOR, IU & S-IVB FWD

APOLLO/SATURN V SCRUB/TURNAROUND

28 DAY PROCESSING CHART

DAYS TO NEXT LAUNCH OPPORTUNITY

28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



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TIME	COMM. CH.	SEQUENCE	COMMAND STA.	RESPONSE STA.	DESCRIPTION	REMARKS
+4 HRS 45' 0"	111	1	KSTC	CVTS	ESTABLISH RADIATION BADGING ISSUE STATIONS ON LEVEL 3 AND SA 7 AND RADIATION CONTROL.	
	111	2	CVTS	CTSC	HAVE PEHE ESTABLISH RADIATION BADGING ISSUE STATIONS ON LEVEL 3 AND SA 7. ESTABLISH RADIATION CONTROL.	
					*****WARNING***** * * THE RADIATION CONTROL * * AREA CONSISTS OF SLA * * INTERIOR, IU, S-IVB FWD * * S/A 7, AND INSIDE MSS * * PLATFORM 3A ENCLOSURE. * * *****	
					NOTE ---- THE FCA WILL BE REMOVED DURING THE SCRUB TURNAROUND FROM T+16 HOURS, 0' 0" TO T+18 HOURS, 0' 0".	
	188 (PA)	3	CVTS		THE CONTROL AREA IS NOW OPEN FOR NORMAL WORK. RADIATION AREA CONTROL REMAINS IN EFFECT.	
	111	4	CVTS	MSTC	THE CONTROL AREA IS OPEN FOR NORMAL WORK.	
	111	5	MSTC	CVTS	CHANGE SMDPS FROM 1-SWITCH MODE TO 2-SWITCH 1-VALVE MODE AND VERIFY. HAVE 280 FT. ACE ROOM OPENED.	
	111	6	CVTS	CTSC	OPEN 280 FT. ACE ROOM.	
	111	7	CVTS	CLTC	CHANGE SMDPS FROM 1-SWITCH MODE TO 2-SWITCH 1-VALVE MODE. REPORT WHEN COMPLETE.	

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TIME	COMM CH.	SEQUENCE	COMMAND STA.	RESPONSE STA.	DESCRIPTION	REMARKS
+4 HRS 45' 0"	CONTINUED					
	111	8	CVTS	CPSS	SMDPS IS GOING FROM 1-SWITCH MODE TO 2-SWITCH, 1-VALVE MODE.	
	111	9	CVTS	MSTC	SMDPS IS IN 2-SWITCH, 1-VALVE MODE.	
	111	10	CTSC	CVTS	ML EGRESS/LES SPRAY SYSTEM CONFIGURED FROM FIELD ACTIVE MODE TO REMOTE CONTROL.	
					NOTE ----- ESP MOVE IS SCHEDULED FROM T+4 HOURS, 45' 0" TO T+5 HOURS, 15' 0".	
+5 HRS 0' 0"	111	1	CVTS	CTSC	REPORT PREVAILING WIND DATA. (REFERENCE LMR ITEM 1-401).	
	111	2	CLTC	CVTS	VERIFY PREVAILING WINDS DO NOT EXCEED REDLINE VALUES FOR FREE STANDING SV (REFERENCE LMR).	
	111	3	CTSC	CVTS	MSS IS APPROXIMATELY 15 MINUTES FROM THE 35 FT. MARK.	
	111	4	CVTS	CLTC	CLEAR TO DISCONNECT AND RETRACT PRIMARY DAMPER.	
	111	5	CVTS	MSTC	PRIMARY DAMPER WILL BE DISCONNECTED.	

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TIME	COMM. CH.	SEQUENCE	COMMAND STA.	RESPONSE STA.	DESCRIPTION	REMARKS
+5 HRS 15' 0"					<p>NOTE -----</p> <p>EXTENSION OF SA 2, 3, AND 2, 3, 4, 5, 6, 7, 8 TIPS ARE SCHEDULED FROM T+5 HOURS, 15' 0" TO T+5 HOURS, 45' 0".</p>	
	111	1	CTSC	CVTS	ML EGRESS/LES SPRAY SYSTEM CONFIGURED FROM FIELD ACTIVE MODE TO REMOTE CONTROL. ML EGRESS CHUTE SPRAY SYSTEM DEACTIVATED.	
	111	2	CTSC	CVTS	ALL MSS PLATFORMS ARE OPEN.	
	111	3	CTSC	CVTS	MSS IS AT 35 FT. AND READY TO PROPEL TO MATE.	
	111	4	CLTC	CVTS	PRIMARY DAMPER IS DISCONNECTED AND TSM TOWER IS RETRACTED. LV READY FOR MSS MATE.	
	111	5	CVTS	CTSC	<p>PRIMARY DAMPER IS DISCONNECTED AND TSM IS RETRACTED.</p> <p>CLEAR TO PROCEED WITH MSS TO MATE POSITION.</p> <p>REPORT WHEN MSS IS OVER MOUNTS.</p>	
	111	6	CLTC	CVTS	REQUEST PEHE PERFORM SNIFFER CHECKS IN S-IC FWD, S-II AFT, S-II FWD, S-IVB AFT, AND IU/S-IVB FWD AREAS WHEN ACCESS DOORS ARE OPEN.	
	111	7	CVTS	CPSS	VERIFY READY TO SUPPORT LV ACCESS DOORS SNIFFER CHECKS ON CH. 141.	

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TIME	COMM. CH.	SEQUENCE	COMMAND STA.	RESPONSE STA.	DESCRIPTION	REMARKS
+5 HRS 15' 0"	CONTINUED					
	111	8	CVTS	CTSC	PERFORM SNIFFER CHECKS IN S-IC FWD, S-II AFT, S-II FWD, S-IVB AFT, AND IU/S-IVB FWD AREAS WHEN ACCESS DOORS ARE OPEN AND HAVE PEHE ADVISE SYSTEMS SAFETY WHEN PERSONNEL ARE CLEAR TO ENTER.	H
					NOTE ----- S-IC FWD AREA ACCESS IS REQUIRED AT T+6 HRS, 0'0". S-II FWD, S-IVB AFT AND IU AREA ACCESS IS REQUIRED AT T+6 HOURS, 15' 0". S-II AFT AREA ACCESS IS REQUIRED AT T+6 HOURS, 45' 0".	
+5 HRS 30' 0"	111	1	CTSC	CVTS	MSS IS IN MATE POSITION. MEASUREMENTS ARE COMPLETE. READY TO JACK DOWN.	
	111	2	CVTS	CLTC	MSS IS OVER MOUNTS. REPORT WHEN TSM 3 - 4 TOWER IS ERECTED AND MSS CAN BE LOWERED.	
	111	3	CLTC	CVTS	TSM 3 - 4 TOWER ERECTED AND CLEAR FOR LOWERING MSS ON MOUNTS. NOTIFY CLTC IF MSS MUST BE REPOSITIONED PRIOR TO LOWERING.	
	111	4	CVTS	CPSS	VERIFY CLEARANCE TO LOWER MSS ON MOUNTS.	
	111	5	CVTS	CTSC	TSM 3 - 4 TOWER ERECTED. CLEAR TO LOWER MSS ON MOUNTS. REPORT IF REPOSITIONING IS NECESSARY.	H

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TIME	COMM. CH.	SEQUENCE	COMMAND STA.	RESPONSE STA.	DESCRIPTION	REMARKS
+5 HRS 30' 0"	CONTINUED					
	111	6	CLTC	CVTS	RANGE CLEARANCE FOR S-II TM IS NO LONGER REQUIRED.	
	111	7	CVTS	SRO	LV S-II TM LINKS BF-1 AND BF-2 ARE OFF.	
+5 HRS 45' 0"	111	1	CLTC	CVTS	SA NO. 8 TIP HAS BEEN EXTENDED AND IS OPEN FOR ACCESS.	
	111	2	MSTC	CVTS	REDUCE SM ECS FLOW RATE TO 20 LBS PER MIN.	
	111	3	CVTS	CLTC	REDUCE SM ECS FLOW RATE TO 20 LBS PER MIN. REPORT WHEN COMPLETE.	
					NOTE ----- IU, S-IVB AFT, S-II FORWARD, S-II AFT AND S-IC FORWARD DOOR OPENINGS ARE SCHEDULED TO BEGIN AT THIS TIME.	
+5 HRS 55' 0"	111	1	CVTS	GMIL	VERIFY READY TO SUPPORT CSM WITH G&N UPLINK ENABLE.	
	111	2	MSTC	CVTS	VERIFY GMIL SUPPORT FOR G&N UPLINK ENABLE.	
+6 HRS 0' 0"	111	1	CTSC	CVTS	MSS IS ON MOUNTS.	
	111	2	CVTS	CLTC	MSS IS ON MOUNTS. READY FOR AUXILIARY DAMPER CONNECTION.	

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TIME	COMM. CH.	SEQUENCE	COMMAND STA.	RESPONSE STA.	DESCRIPTION	REMARKS
+5 HRS 00 00	CONTINUED					
	111	3	CVTS	MSTC	AUXILIARY DAMPER WILL BE CONNECTED.	
	111	4	CPSS	CVTS	SNIFFER CHECK IN S-IC FWD IS COMPLETE. PERSONNEL MAY ACCESS THROUGH SA NO. 2.	
	111	5	CVTS	CLTC	CPSS HAS APPROVED LV ACCESS THROUGH S-IC FWD DOOR (SA NO. 2).	
	111	6	CTSC	CVTS	CONNECTING AND PRESSURIZING MSS/PAD 3000 PSI GN2 HAZARD PURGE SUPPLY LINE.	
					NOTE ----	
					THE INSTALLATION OF LV ACCESS KITS FOR S&A OPERATIONS IS SCHEDULED TO BEGIN AT THIS TIME.	
	111	7	CTSC	CVTS	CONNECTING AND PRESSURIZING MSS/PAD 6000 PSI GHE LINES.	
	111	8	CVTS	CPSS	CONNECTING AND PRESSURIZING MSS/PAD 6000 PSI GHE LINES.	
+6 HRS 15 00						
	111	1	CPSS	CVTS	SNIFFER CHECKS IN S-II FWD, S-IVB AFT AND IU AREAS ARE COMPLETE. PERSONNEL MAY ACCESS THROUGH SA NO. 5, 6, AND 7 DOORS.	
	111	2	CVTS	CLTC	CPSS HAS APPROVED LV ACCESS THROUGH S-II FWD, S-IVB AFT AND IU DOORS (SA NO. 5, 6, AND 7).	
	111	3	MSTC	CVTS	CSM RF IS OFF. CSM COMMAND DECODER IS OFF. GMIL SUPPORT NO LONGER REQUIRED.	

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TIME	COMM CH.	SEQUENCE	COMMAND STA.	RESPONSE STA.	DESCRIPTION	REMARKS
+6 HRS 15 ⁰⁰ C"	CONTINUED					
	111	4	CVTS	GMIL	BRING DOWN CSM S-BAND CARRIER AND VERIFY. CSM COMMAND DECODER IS OFF. GMIL SUPPORT NO LONGER REQUIRED.	
	111	5	CVTS	SRO	CSM S-BAND AND VHF ARE OFF.	
	111	6	CVTS	HFLT	CSM S-BAND CARRIER IS OFF. CSM COMMAND DECODER IS OFF.	
	111	7	CLTC	CVTS	AUXILIARY DAMPER IS CONNECTED.	
	111	8	CVTS	CTSC	AUXILIARY DAMPER IS CONNECTED. CLOSE PLATFORMS NO. 5, NO. 4, AND NO. 3.	H
					NOTE ----- MSS PLATFORMS NO. 5, NO. 4, AND NO. 3 WILL BE CLOSING FROM T+6 HOURS, 15 ⁰⁰ TO T+7 HOURS, 30 ⁰⁰ .	
	111	9	CTSC	CVTS	CONNECTING MSS/PAD COMM AND INSTRUMENTATION CABLES AND CONFIGURING MSS/TRANSPORTER OIS TO HARDLINE PRIOR TO MSS TRANSFER TO PAD POWER.	
	111	10	CVTS	MSTC KSTC CLTC	STANDBY FOR OIS TRANSFER FROM CT TO PAD.	
+6 HRS 30 ⁰⁰ C"	111	1	CTSC	CVTS	MSS TRANSFER TO PAD POWER WILL OCCUR IN 15 MINUTES.	

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TIME	COMM. CH.	SEQUENCE	COMMAND STA.	RESPONSE STA.	DESCRIPTION	REMARKS
+6 HRS 30' 0"	111	CONTINUED				
					NOTE ----	
					MSS HI-RISE ELEVATORS, HVAC AND FACILITY AIR COMPRESSORS WILL BE POWERED DOWN FOR MSS POWER TRANSFER AND WILL BE POWERED UP AFTER MSS POWER TRANSFER.	
	111	2	CTSC	CVTS	MSS/PAD COMM AND INSTRUMENTATION CABLES CONNECTED AND MSS OIS-RF CONFIGURED TO HARDLINE.	
	111	3	CVTS	MSTC KSTC CLTC	MSS OIS IS CONNECTED TO PAD.	
+6 HRS 45' 0"	111	1	CTSC	CVTS	VERIFY READY FOR MSS TRANSFER TO PAD POWER.	
	111	2	CTSC	CVTS	MSS TRANSFER TO PAD POWER COMPLETE.	
	111	3	CTSC	CVTS	TRANSPORTER POWERING DOWN AND PROPELLING TO PARK POSITION.	
	111	4	CPSS	CVTS	SNIFFER CHECK IN S-II AFT IS COMPLETE. PERSONNEL MAY ACCESS THROUGH SA NO. 3.	
	111	5	CVTS	CLTC	CPSS HAS APPROVED LV ACCESS THROUGH S-II AFT DOOR (SA NO. 3).	
+7 HRS 0' 0"	111	1	CTSC	CVTS	MSS/PAD 6000 PSI GHE LINE IS CONNECTED AND PRESSURIZED.	

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TIME	COMM. CH.	SEQUENCE	COMMAND STA.	RESPONSE STA.	DESCRIPTION	REMARKS
+7 HRS 00' 00"	CONTINUED					
	111	2	CTSC	CVTS	MSS/PAD GHE AND GN2 3000 PSI LINES ARE BEING CONNECTED AND WILL BE PRESSURIZED IN APPROXIMATELY ONE HOUR.	
	111	3	CVTS	CPSS	CONNECTING AND PRESSURIZING MSS/PAD GHE AND GN2 3000 PSI LINES.	
	111	4	CTSC	CVTS	MSS/PAD 3000 PSI HAZARD PURGE SUPPLY LINE CONNECTED AND PRESSURIZED.	
+7 HRS 15' 00"	111	1	CLTC	CVTS	CLEAR CONTROL AREA FOR LV S&A ORDNANCE OPERATIONS.	
	188 (PA)	2	CVTS		ALL NON-ESSENTIAL PERSONNEL, EXCEPT PERSONNEL WORKING IN THE CSM, CLEAR THE CONTROL AREA FOR LV S&A ORDNANCE OPERATIONS.	
					*****WARNING***** * * THE CONTROL AREA FOR * S&A DISCONNECTION IS * THE SPACE VEHICLE * INTERIOR EXCEPT FOR THE * CSM AND S-IC BOATTAIL. * *****	
	111	3	CVTS	CPSS	CLEAR THE CONTROL AREA FOR LV S&A ORDNANCE OPERATIONS.	
+7 HRS 30' 00"	111	1	CVTS	MSTC	VERIFY READY TO MAINTAIN RF SILENCE AND CONTROLLED SWITCHING ACROSS THE LV/SC INTERFACE.	

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TIME	COMM. CH.	SEQUENCE	COMMAND STA.	RESPONSE STA.	DESCRIPTION	REMARKS
+7 HRS 30' 0"	CONTINUED					
	111	2	CLTC	CVTS	REQUEST RF SILENCE.	
					LV CONTROLLED SWITCHING AND CONTROLLED SWITCHING ACROSS THE LV/SC INTERFACE IS IN EFFECT.	
		3		CVTS	TURN RF SILENCE SWITCH ON.	
	188 (PA)	4	CVTS		RF SILENCE IS NOW IN EFFECT. CONTROLLED SWITCHING ON THE LV AND ACROSS THE LV/SC INTERFACE IS NOW IN EFFECT. SWITCHING REQUESTS ARE TO BE COORDINATED THROUGH TEST CONDUCTORS WITH CVTS.	
	111		CPSS	CVTS	CLEAR TO PROCEED WITH LV S&A DISCONNECTION.	
	111	6	CVTS	CLTC	CPSS READY FOR PD DETONATOR AND CDF DISCONNECTION.	H
+8 HRS 0' 0"	111	1	CTSC	CVTS	MSS/PAD GHE AND GN2 SYSTEMS PRESSURIZED.	
	111	2	CVTS	MSTC	MSS/PAD GHE AND GN2 3000 PSI LINES HAVE BEEN CONNECTED AND PRESSURIZED.	
+8 HRS 15' 0"	111	1	CLTC	CVTS	S&A OPERATIONS COMPLETE. LV READY TO REMOVE RF SILENCE AND CONTROLLED SWITCHING.	
	111	2	CVTS	CPSS	LV S&A OPERATIONS ARE COMPLETE. VERIFY CLEAR TO OPEN THE CONTROL AREA.	

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TIME	COMM. CH.	SEQUENCE	COMMAND STA.	RESPONSE STA.	DESCRIPTION	REMARKS
+8 HRS 15' 0"	CONTINUED					
		3		CVTS	TURN RF SILENCE SWITCH OFF.	
	188 (PA)	4	CVTS		LV S&A OPERATIONS ARE COMPLETE. RF SILENCE AND CONTROLLED SWITCHING ARE NO LONGER IN EFFECT. THE CONTROL AREA IS OPEN FOR NORMAL WORK.	
	111	5	CVTS	MSTC	RF SILENCE AND CONTROLLED SWITCHING ARE OFF.	
+8 HRS 30' 0"						
	111	1	CTSC	CVTS	MSS PLATFORM NO. 4 IS AVAILABLE FOR JOINT ACCESS.	
	111	2	CVTS	MSTC	MSS PLATFORM NO. 4 IS AVAILABLE FOR JOINT ACCESS.	
					NOTE ----	
					JOINT PLATFORM USAGE IS REQUIRED UNTIL INSTALLATION OF ANNULUS RINGS ARE COMPLETED.	
+9 HRS 0' 0"						
					NOTE ----	
					SC CRYO PREPARATIONS ARE SCHEDULED TO BEGIN AT THIS TIME.	

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TIME	COMM CH.	SEQUENCE	COMMAND STA.	RESPONSE STA.	DESCRIPTION	REMARKS
+9 HRS 45' 00"	111	1	CLTC	CVTS	REQUEST MSS PLATFORM NO. 2 BE CLOSED AT STATION 3034.	
	111	2	CVTS	CTSC	CLOSE MSS PLATFORM NO. 2 AT STATION 3034.	H
	111	3	CTSC	CVTS	MSS PLATFORM NO. 3 IS AVAILABLE FOR JOINT ACCESS.	
	111	4	CVTS	KSTC	MSS PLATFORM NO. 3 IS AVAILABLE FOR JOINT ACCESS.	
NOTE ----- JOINT PLATFORM USAGE IS REQUIRED UNTIL INSTALLATION OF ANNULUS RINGS ARE COMPLETED.						
+11 HRS 0' 00"	111	1	MSTC	CVTS	READY FOR REMOVAL OF W/R DOOR LOCK.	
	111	2	CVTS	CLTC	REMOVE W/R MSS DOOR LOCK.	
+11 HRS 45' 00"	111	1	CLTC	CVTS	IU READY FOR LM SHE GSE INSTALLATION.	
	111	2	CVTS	KSTC	IU READY FOR LM SHE GSE INSTALLATION.	
+12 HRS 45' 00"	111	1	CLTC	CVTS	LV BATTERY REMOVAL COMPLETE.	

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VEHICLE

APOLLO 16

TIME	COMM. CH.	SEQUENCE	COMMAND STA.	RESPONSE STA.	DESCRIPTION	REMARKS
+12 HRS 45' 0"	CONTINUED					
	111	2	CTSC	CVTS	IU WATER DELUGE SYSTEM IS DEACTIVATED AND SECURED. CLEAR TO INSTALL IU WATER NOZZLE. (IU WATER DELUGE/FACILITIES HAND VALVES V-4 CLOSED AND V-128 OPEN. SYSTEM ENABLE AND ARM SWITCHES OFF.)	
	111	3	CVTS	CLTC	IU WATER DELUGE SYSTEM IS DEACTIVATED. CLEAR TO INSTALL IU WATER NOZZLE. REPORT WHEN COMPLETE. (IU WATER DELUGE/FACILITIES HAND VALVES V-4 CLOSED AND V-128 OPEN. SYSTEM ENABLE AND ARM SWITCHES OFF).	
+13 HRS 0' 0"						
	111	1	CVTS	CLTC	REMOVE FLIGHT CODE PLUGS AND DELIVER TO ROOM 4P8.	
	111	2	CVTS	CTNS	FLIGHT CODE PLUGS ARE BEING REMOVED AND WILL BE DELIVERED TO ROOM 4P8.	
	111	3	CTSC	CVTS	MSS PLATFORM NO. 2 IS AVAILABLE FOR ACCESS.	
	111	4	CVTS	CLTC	MSS PLATFORM NO. 2 IS AVAILABLE FOR ACCESS.	
+13 HRS 15' 0"						
	111	1	CLTC	CVTS	REQUEST MSS PLATFORM NO. 2 BE MOVED TO STATION 2697.	
	111	2	CVTS	CTSC	MOVE MSS PLATFORM NO. 2 TO STATION 2697.	H
	111	3	CTSC	CVTS	MSS LES SPRAY SYSTEM ON PLATFORM NO. 5 AND MSS LEVELS DELUGE SYSTEM HAVE BEEN PLACED IN FIELD ACTIVE MODE. ML LES SPRAY AND ML EGRESS SPRAY SYSTEMS HAVE BEEN SECURED.	

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TIME	COMM. CH.	SEQUENCE	COMMAND STA.	RESPONSE STA.	DESCRIPTION	REMARKS
+13 HRS 30' 0"	111	1	CLTC	CVTS	REQUEST MSS PLATFORM NO. 1 BE POSITIONED AT LV STA 1848 FOR S-II INSULATION INSPECTION.	H
	111	2	CVTS	CTSC	CLOSE MSS PLATFORM NO. 1 AT LV STA 1848 FOR S-II INSULATION INSPECTION.	
	111	3	CTSC	CVTS	MSS PLATFORM NO. 2 POSITIONED AT LV STATION 2697.	
	111	4	CVTS	CLTC	MSS PLATFORM NO. 2 IS AT LV STATION 2697.	
+14 HRS 0' 0"	111	1	CVTS	CLTC	REDUCE SA-8 ECS FLOW RATE TO MINIMUM AND VERIFY WHEN COMPLETE.	
	111	2	CVTS	CLTC	INSTALL SA 8 ECS "Y" AND REPORT WHEN COMPLETE.	
	111	3	CVTS	MSTC	RECONFIGURE SA 8 ECS DUCT TO TEST CONFIGURATION. SA 8 ECS FLOW RATE HAS BEEN REDUCED TO MINIMUM.	
+15 HRS 30' 0"	111	1	MSTC	CVTS	SA-8 ECS DUCT RECONFIGURATION COMPLETE. INCREASE SM ECS FLOW RATE TO 100 LBS/MIN.	
	111	2	CVTS	CLTC	INCREASE SA-8 ECS FLOW RATE TO 100 LBS/MIN.	
	111	3	CVTS	CTSC	RESERVE MSS LOW RISE AND ONE HIGH RISE ELEVATOR FOR ALSEP FCA REMOVAL IN 30 MINUTES.	

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TIME	COMM CH	SEQUENCE	COMMAND STA	RESPONSE STA	DESCRIPTION	REMARKS
+15 HRS 45' 0"	111	1	CTSC	CVTS	MSS PLATFORM NO. 1 IS AVAILABLE FOR ACCESS.	
	111		CVTS	CLTC	MSS PLATFORM NO. 1 IS AVAILABLE FOR ACCESS.	
					NOTE ----- S-II INSULATION INSPECTION IS SCHEDULED TO BEGIN AT THIS TIME.	
+16 HRS 0' 0"	111	1	KSTC	CVTS	VERIFY MSS LOW RISE AND ONE HIGH RISE ELEVATOR IS RESERVED FOR ALSEP FCA REMOVAL. CLEAR THE CONTROL AREA FOR FCA REMOVAL. DECREASE IU ECS FLOW RATE TO 135 LBS/ MIN.	
	188 (PA)	2	CVTS		ALL NON-ESSENTIAL PERSONNEL ARE TO CLEAR THE CONTROL AREA FOR ALSEP FCA REMOVAL. RADIATION AREA CONTROL IS STILL IN EFFECT. *****WARNING***** * * THE CONTROL AREA FOR * * ALSEP REMOVAL CONSISTS * * OF THE SLA INTERIOR, IU * * AND S-IVB FWD, IN * * TRANSIT, THE CONTROL * * AREA CONSISTS OF A 10 * * FT. RADIUS OF THE FCA. * * *****	

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TIME	COMM. CH.	SEQUENCE	COMMAND STA.	RESPONSE STA.	DESCRIPTION	REMARKS
+16 HRS 0' 0"	CONTINUED					
	111	3	CVTS	CPSS	CLEAR ALL NON-ESSENTIAL PERSONNEL FROM THE CONTROL AREA FOR ALSEP FCA REMOVAL AND VERIFY.	
	111	4	CVTS	CLTC	DECREASE IU ECS FLOWRATE TO 135 LBS/MIN.	
+16 HRS 15' 0"	111	1	CPSS	CVTS	THE CONTROL AREA IS CLEAR OF ALL NON-ESSENTIAL PERSONNEL AND SAFETY IS READY TO BEGIN ALSEP FCA REMOVAL.	
	111	2	KSTC	CVTS	VERIFY CLEARANCE TO BEGIN ALSEP FCA REMOVAL.	H
+17 HRS 0' 0"					NOTE ----- SC CRYO UNLOAD AND FUEL CELL COOLDOWN IS SCHEDULED TO BEGIN AT THIS TIME.	
+17 HRS 15' 0"	111	1	CTSC	CVTS	ALL PLATFORMS ARE CLOSED AND SECURED. THE MSS IS OPEN FOR NORMAL WORK. WEATHER PROOFING WILL CONTINUE FOR APPROXIMATELY 20 HOURS.	
+18 HRS 0' 0"	111	1	KSTC	CVTS	ALSEP FCA REMOVAL IS COMPLETE.	
	111	2	CVTS	CPSS	ALSEP FCA REMOVAL IS COMPLETE. CLEAR TO TERMINATE RADIATION CONTROL.	

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TIME	COMM. CH.	SEQUENCE	COMMAND STA.	RESPONSE STA.	DESCRIPTION	REMARKS
+18 HRS 0' 0"	CONTINUED					
	188 (PA)	3	CVTS		RADIATION AREA CONTROL IS NO LONGER IN EFFECT.	
	111	4	CVTS	MSTC KSTC CSTC	RADIATION AREA CONTROL IS NO LONGER IN EFFECT.	
	111	5	CVTS	CLTC	ECS CONFIGURED FOR GN2 STANDBY WITH HANDVALVES CLOSED IS NO LONGER REQUIRED.	
+19 HRS 0' 0"						
	111	1	KSTC	CVTS	CLEAR ALL NON-ESSENTIAL PERSONNEL FOR LM SHE VENT.	
	188 (PA)	2	CVTS		ALL NON-ESSENTIAL PERSONNEL ARE TO CLEAR THE CONTROL AREA FOR LM SHE VENT.	
					*****WARNING***** * * THE CONTROL AREA FOR LM * * SHE VENT CONSISTS OF * * THE SPACE INTERNAL TO * * THE SLA, IU, AND S-IVB * * FORWARD AREAS. * * *****	
	111	3	CVTS	CPSS	CLEAR ALL NON-ESSENTIAL PERSONNEL FROM THE CONTROL AREA FOR LM SHE VENT.	
+19 HRS 30' 0"						
	111	1	CPSS	CVTS	THE CONTROL AREA IS CLEAR OF ALL NON-ESSENTIAL PERSONNEL AND SAFETY IS READY TO START LM SHE VENT.	
	111	2	KSTC	CVTS	VERIFY CLEARANCE TO BEGIN LM SHE VENT.	

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TIME	COMM. CH.	SEQUENCE	COMMAND STA.	RESPONSE STA.	DESCRIPTION	REMARKS
+24 HRS 0' 0"	111	1	KSTC	CVTS	LM SHE VENT COMPLETE.	
	111	2	CVTS	CPSS	LM SHE VENT COMPLETE. VERIFY READY TO OPEN THE CONTROL AREA FOR NORMAL WORK.	
	188 (PA)	3	CVTS		LM SHE VENT IS COMPLETE. THE CONTROL AREA IS OPEN FOR NORMAL WORK.	
END OF INITIAL 24 HOURS OF 28 DAY SCRUB TURNAROUND OPERATING STEPS.						
NOTE ----						
SYSTEM REVERIFICATION TESTS AS SHOWN ON THE 28-DAY PROCESSING CHART ARE SCHEDULED TO BEGIN AT THIS TIME.						

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