DATE 08-11-03

OMI NO.: R0031V3
REV: BASIC

OPERATION & MAINTENANCE INSTRUCTION

MULTI-ELEMENT INTEGRATED TEST 3 (MEIT 3)
LOCAL TEST - SSPF

BOOK 3 OF 3

THIS DOCUMENT DOES NOT CONTAIN HAZARDOUS OPERATIONS

NATIONAL AERONAUTICS AND
SPACE ADMINISTRATION

JOHN F. KENNEDY
SPACE CENTER

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THE BOEING COMPANY

MULTI-ELEMENT INTEGRATED TEST 3 (MEIT 3)
LOCAL TEST - SSPF

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BASIC	08-11-03		ALL

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OMI BACKUP SIGNATURE SHEET

OMI TITLE: **MULTI-ELEMENT INTEGRATED TEST 3 (MEIT 3) LOCAL TEST - SSPF**

SYSTEM	AGENCY CONTRACTOR /NASA	SIGNATURES CONTRACTOR	NASA
CDH	NASA	N/A	UB-G3 8/7/03
EPS	NASA	N/A	UB-G1 8-7-03
TCS	NASA	N/A	UB-G5 8/8/03
ECLSS	NASA	N/A	N/A
C&T	NASA	N/A	UB-G2 8/7/03
QUALITY	NASA	N/A	8/7/03 UB-F3
LOGISTICS	BOEING	8/7/03	N/A
OMD	BOEING	8/5/03	N/A
P/L COMM	CSOC	8/8/03	N/A
MOD	NASA	N/A	
FE	BOEING	N110 8/7/03	N/A
YOPS	BOEING	G124 8/8/03	N/A
VITT	BOEING	VITT 8-7-03	N/A
TCMS O&M	BOEING	N110 8-7-03	N/A
JEM SYSTEM	NASDA	中野屋 壮吾 8-7-03	N/A
SAFETY & QUALITY	NASDA	8-7-03	N/A
PM SYSTEM	MHI	植田 豊 8/7/03	N/A
RMS SYSTEM	NTS		N/A

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OBJECTIVES

OBJECTIVES/DESCRIPTION ARE LOCATED IN R0031V1

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BAR CHART

NOT APPLICABLE

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SECTION I - INFORMATION

SECTION I OF R0031V1 CONTAINS THE COMMON INFORMATION FOR MEIT3

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1.8 APPLICABLE TECHNICAL REQUIREMENTS

1.8.1 FLIGHT HARDWARE OMRSD

NUMBER	TITLE	SEQ-STEP
A3000MC.100-A	CONTROL JEM CAMERA VIA CCP	203-017
A3000MC.100-B	CONTROL JEM CAMERA VIA SIM GROUND-KSC	203-021
A3000MC.200-A	JEM VIDEO TO RWS VIA PCS MANUALLY	203-010
A3000MC.200-B	JEM VIDEO TO RWS VIA PCS AUTOROUTE	203-038 203-043
A3000MC.200-C	JEM VIDEO TO RWS VIA DCP AUTOROUTE	203-050 203-053
A3000MC.300-A	COMPOSE JEM VIDEO S/SCRN	203-089
A3000MC.300-B	JEM VIDEO S/SCRN TO USOS RWS	203-068
A3000MC.300-C	JEM VIDEO S/SCRN TO JEM RMS	203-089
A3000MC.300-D	JEM REQUEST S/SCRN OFF	203-096
A3000MC.300-E	US/JEM VID S/SCRN TO USOS RWS VIA PCS	203-061
A3000MC.300-F	US/JEM VID S/SCRN TO JEM RMS VIA PCS	203-065
A3000MC.300-G	US/JEM VID S/SCRN TO USOS RWS VIA DCP	203-070
A3000MC.400-G (PARTIAL ATU’S ANNUNCIATE	ATU’S ANNUNCIATE C&W TONES	201-046 201-108 201-135
A3000MC.500 (PARTIAL)	IAA FUNCTIONALITY DEMONSTRATION	204-013 204-015
A3000MC.600-A (PARTIAL HRDL JEM PM HRMS 1 TO	JEM-USOS HIGH RATE (TAXI)	206-110 206-128
A3000MC.600-A (PARTIAL HRDL JEM PM HRMS 2 TO	JEM-USOS HIGH RATE (TAXI)	206-116
A3000MC.600-A (PARTIAL HRDL JEM PM HRMS 3 TO	JEM-USOS HIGH RATE (TAXI)	206-122
A3000MC.600-A (PARTIAL HRDL JEM PM ICS IN 1 FROM	JEM-USOS HIGH RATE (TAXI)	206-140
A3000MC.600-A (PARTIAL HRDL JEM PM ICS IN 2 FROM	JEM-USOS HIGH RATE (TAXI)	206-148
A3000MC.600-A (PARTIAL HRDL JEM PM ICS RESERVED	JEM-USOS HIGH RATE (TAXI)	206-140
A3000MC.600-A (PARTIAL HRDL JEM PM ISPR A1 DIRECT	JEM-USOS HIGH RATE (TAXI)	206-054 206-054
A3000MC.600-A (PARTIAL HRDL JEM PM ISPR A2 DIRECT	JEM-USOS HIGH RATE (TAXI)	206-063 206-063
A3000MC.600-A (PARTIAL HRDL JEM PM ISPR A3 DIRECT	JEM-USOS HIGH RATE (TAXI)	206-072 206-072

RELEASED - Printed documents may be obsolete; validate prior to use.

A3000MC.600-A (PARTIAL HRDL JEM PM ISPR A4 DIRECT	JEM-USOS HIGH RATE (TAXI)	206-081 206-081
A3000MC.600-A (PARTIAL HRDL JEM PM ISPR A5 DIRECT	JEM-USOS HIGH RATE (TAXI)	206-092 206-092
A3000MC.600-A (PARTIAL HRDL JEM PM ISPR F1 DIRECT	JEM-USOS HIGH RATE (TAXI)	206-018 206-018
A3000MC.600-A (PARTIAL HRDL JEM PM ISPR F2 DIRECT	JEM-USOS HIGH RATE (TAXI)	206-027 206-027
A3000MC.600-A (PARTIAL HRDL JEM PM ISPR F3 DIRECT	JEM-USOS HIGH RATE (TAXI)	206-100 206-100
A3000MC.600-A (PARTIAL HRDL JEM PM ISPR F5 DIRECT	JEM-USOS HIGH RATE (TAXI)	206-036 206-036
A3000MC.600-A (PARTIAL HRDL JEM PM ISPR F6 DIRECT	JEM-USOS HIGH RATE (TAXI)	206-045 206-045
A3000MC.600-A (PARTIAL HRDL JEM PM PDH-A TO USOS)	JEM-USOS HIGH RATE (TAXI)	207-017
A3000MC.600-A (PARTIAL HRDL JEM PM PDH-B TO USOS)	JEM-USOS HIGH RATE (TAXI)	207-028
A3000MC.600-A (PARTIAL HRDL PEHG-JEM TO USOS)	JEM-USOS HIGH RATE (TAXI)	205-039
A3000MC.600-A (PARTIAL JEM HRMS TO USOS	JEM-USOS HIGH RATE (TAXI)	208-024
A3000MC.600-B (PARTIAL MRDL USOS TO JEM)	JEM-USOS MEDIUM RATE (ETHERNET)	205-039 205-056
A3000MD.100-C (CHANNEL A – BUS	LB-CHECS-JEM BUS REDUNDANCY	209-046
A3000MD.100-C (CHANNEL A – GOOD POLLING	LB-CHECS-JEM BUS REDUNDANCY	209-044
A3000MD.100-C (CHANNEL B – BUS	LB-CHECS-JEM BUS REDUNDANCY	209-042
A3000MD.100-C (CHANNEL B – GOOD POLLING	LB-CHECS-JEM BUS REDUNDANCY	209-040
A3000MD.100-D (CHANNEL A – BUS	NASDA PL BUS & REDUNDANCY	209-071
A3000MD.100-D (CHANNEL A – GOOD POLLING	NASDA PL BUS & REDUNDANCY	209-071
A3000MD.100-D (CHANNEL B – BUS SWITCHOVER OCCURRED	NASDA PL BUS & REDUNDANCY	209-066
A3000MD.100-D (CHANNEL B – GOOD POLLING RESPONSE	NASDA PL BUS & REDUNDANCY	209-066

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A3000MD.100-E (CHANNEL A – BUS	LB-PL-JEM BUS REDUNDANCY	209-020
A3000MD.100-E (CHANNEL A – GOOD POLLING	LB-PL-JEM BUS REDUNDANCY	209-019
A3000MD.100-E (CHANNEL B – BUS	LB-PL-JEM BUS REDUNDANCY	209-017
A3000MD.100-E (CHANNEL B – GOOD POLLING	LB-PL-JEM BUS REDUNDANCY	209-016
A3000MD.200-A	C&W EMERGENCY (FIRE)	201-059
A3000MD.200-B	C&W EMERGENCY (TOXIC ATMOSPHERE)	201-073
A3000MD.200-C	C&W EMERGENCY (RAPID DEPRESSURIZATION)	201-094
A3000MD.200-D	C&W GENERIC CAUTION	201-151
A3000MD.200-E	C&W GENERIC WARNING	201-121
A3000MD.200-F	C&W TEST	201-025 201-029
A3000MG.100-A (CENTER OF MASS VALUE	GNC MASS PROPERTIES WITH P/L >2000 KG	210-064 210-072
A3000MG.100-A (DQI = INVALID)	GNC MASS PROPERTIES WITH P/L >2000 KG	210-091
A3000MG.100-A (HANDLING STATUS = 0)	GNC MASS PROPERTIES WITH P/L >2000 KG	210-085
A3000MG.100-A (NO CHANGE OF CENTER OF	GNC MASS PROPERTIES WITH P/L >2000 KG	210-086
A3000MG.100-A (PL ID, OBJECT STATUS,	GNC MASS PROPERTIES WITH P/L >2000 KG	210-061
A3000MG.100-B (CENTER OF MASS VALUES	GNC MASS PROPERTIES WITH P/L >2000 KG	210-113
A3000MG.100-B (NO UPDATE OF CENTER OF	GNC MASS PROPERTIES WITH P/L >2000 KG	210-135
A3000MG.100-B (NO UPDATE OF DQI,GNC P/L	GNC MASS PROPERTIES WITH P/L >2000 KG	210-110 210-133
A6000MC.020 (SIGNAL PRESENT)	INTERNAL ANTENNA RADIATED TEST	204-008 204-013

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SECTION II - PRE-OPERATION SETUP INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

PRE-OPERATION SETUPS ARE LOCATED IN R0031V1

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SECTION III - OPERATION SUPPORT SETUP INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

OPERATION SUPPORT SETUPS ARE LOCATED IN R0031V1

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SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
200-000			**RESERVED**	

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SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
201-000			**CAUTION AND WARNING SEQUENCE**	
201-001	PTC	DKQM	RECORD THE FOLLOWING INFORMATION:	
			GMT _____:_____:_____ (DAY:HR:MIN)	
				NV:_____

NOTE

DUE TO PRACA 3319 TAKEN DURING NODE 2 HSI TESTING. JEM AUDIO VERIFICATION CAN NOT BE PEFORMED DURING THIS TEST. ALL STEPS THAT CAN NOT BE PEFORMED WILL BE DOCUMENTED BY (PRACA 3319) FOR OMRSD A3000MD.200. FOR ORMSD A3000MC.400 PORTIONS FOR JEM ATU.VERIFICATION HAVE BEEN DELETED IN THERE ENTIRTY.

NOTE:

THE NASDA SLT WILL START BEEPING WHEN IT RECEIVES A NEW CAUTION & WARNING EVENT. THIS WILL BE SILENCED ONCE THE EVENT RETURNS TO NORMAL. MJ1 SHALL NOT MANUALLY RESET THE ALARM DURING THIS SEQUENCE.

NOTE

OTHER CAUTION AND WARNING EVENTS MAY OCCUR DURING THIS SEQUENCE AND WILL BE ADDRESSED AS THEY OCCUR.

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SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
201-002	TIE 052	DKQM	RECORD THE ACTUAL STATE FOR THE FOLLOWING EQUIPMENT	

SYSTEM/ORU	REQUIRED STATE	ACTUAL STATE
NODE 2 UOP 1	POWERED	
DIU-B2	CNTRL PWR- ON PDB_B1 RPC9 VLV (VDO) PWR-ON PDB_B1_RPC 1	
DIU-A3	CNTRL PWR –ON PDB_A2_RPC5 VLV (VDO) PWR-ON PDB_A2_RPC 5 -	
DIU-A1	CNTRL PWR – ON PDB_EPS1_RPC9	
USL AUDIO SYSTEM (IAC 1, ABC 1 & 2, ATU 1)	ACTIVE	
ABC 3 & 4	ON AND I/O ENABLED	
ATU'S 7, 15 (PRACA 3319 ATU'S 8, 9 NOT ACTIVATED)	ON AND I/O ENABLED	
JEM USOS PCS	POWERED /CONNECTED	
NODE 2 USOS PCS (UOP 1)	POWERED /CONNECTED	
JPM_EPS_PIB_A1-15V SW 8 (JPM CABIN PRESS SENSOR A1)	OPEN	

NV:_____

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SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP CMD RESP DESCRIPTION VERIF.

NOTE

PERFORM THE FOLLOWING STEP TO CONFIGURE FOR SYSTEM TESTING IF REQUIRED.

201-003 TIE DKQM

SEQUENCE TITLE	PROCEDURE	SEQUENCE #	START GMT	STOP GMT

NV:_____

NOT PERFORMED:_____

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SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			NOTE PERFORM THE FOLLOWING STEP THE AUDIO SYSTEM IS NOT ACTIVE.	
201-004	KCTE	DKQM	PERFORM AUDIO SYSTEM ACTIVATION PER OMI R0031V1 SEQ 30. REPORT COMPLETE. GMT _____:_____:_____ (DAY:HR:MIN) NOT PERFORMED:_____	
201-005	KCTE	MS1	VERIFY ‘1T’ AND ‘PTT’ PRESENT ON LAB ATU1, NODE2 ATU1 AND NODE2 ATU2 DISPLAYS.	
			VOICE CHECKS WITH ABC 3&4	
			NOTE THE FOLLOWING STEPS WILL PERFORM TWO-WAY VOICE CHECKS BETWEEN LAB AND NODE2 ATU’S THROUGH BOTH ABC3 AND ABC4.	
			NOTE FOR EACH VOICE CHECK, MS1 AND MS2 SHOULD IDENTIFY UNIT (USLAB1 OR NODE2 ATU’S.) AND SEQUENCE NUMBER. A VOICE CHECK SHOULD BE COMPLETED FROM EACH END AND INCLUDE A FIVE SECOND COUNTDOWN, FROM ORIGINATOR TO DESTINATION ATU, TO VERIFY ACCEPTABLE VOICE. ACCEPTABLE VOICE IS DEFINED AS INTELLIGLE AND CLEAR WITHOUT DISTORTION OR UNEXPECTED EXTRANEOUS NOISE.	
			NOTE VOICE CHECKS CAN BE REPEATED AS NECESSARY PER TASK LEADER DISCRETION.	
			NODE2 ATU-7 VOICE CHECK WITH USLAB ATU-1	
201-006	KCTE	MS1 MS2	DEPRESS AND HOLD ‘PTT’ ON NODE2 ATU-7 PERFORM VOICE CHECK AT NODE2 ATU-7 VERIFY ACCEPTABLE VOICE AT USLAB ATU-1	
			NODE2 ATU-15 VOICE CHECK WITH USLAB ATU-1	
201-007	KCTE	MS1 MS2	DEPRESS AND HOLD ‘PTT’ ON NODE2 ATU-15 PERFORM VOICE CHECK AT NODE2 ATU-15 VERIFY ACCEPTABLE VOICE AT USLAB ATU-1	

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SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
201-008	KCDH		TCMS LOAD CAUTION AND WARNING DMON FILE FILE NAME:_____	
			NODE 2 C&W PANEL ACTIVATION	
			NOTE PERFORM THE FOLLOWING STEP IF THE NODE2 CAUTION AND WARNING PANEL POWER IS NOT ALREADY ACTIVE.	
201-009	KCDH	MS1	PCS NODE 2:C&DH:NODE2-2 MDM: 1. CMD: RPCM N22A3A-B RPC 04 - CLOSE PUI: LAPR96IM2212K OPS: RPCM_N22A3A_B_RPC_04_N2_2_MDM_CW_SDO_PWR_C L GMT _____:_____:_____ (HR:MIN:SEC) 2. VERIFY: RPC POSITION-CL ENG: RPCM N2PRT 2A3A_B SW04 VOLTAGE STATUS PUI: N2PN26FC1019J	

NOT PERFORMED:_____

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SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			NOTE PERFORM THE FOLLOWING STEP IF NODE 2 FLIGHT PCS IS NOT ALREADY ACTIVE FOR TEST.	
201-010	PTC	KCDH DKQM	PERFORM FLIGHT PCS ACTIVATION PER R2009 SEQUENCE 08. REPORT COMPLETE. RECORD START GMT _____:_____:_____ (DAY:HR:MIN) COMPLETE GMT _____:_____:_____ (DAY:HR:MIN)	
				NV:_____
				NOT PERFORMED:_____
			NOTE CAUTION AND WARNING PANEL LABELS ARE CURRENTLY BEING UPDATED TO REFLECT ΔP STATUS AS ΔP/ΔT. REFERENCE TO ΔP WILL BE EQUIVALENT TO ΔP/ΔT.	
			NOTE C&W EVENTS (FIRE, TOXIC ATMOSPHERE, RAPID DEPRESS, CAUTION, WARNING AND TEST) MAY BE RUN IN ANY ORDER OR AS DEFINED IN THE SEQUENCE.	
201-011	KCDH		TCMS (ECW MESSAGE HISTORY) RECORD: 1. CL1 (E) TOTAL :_____ 2. CL2 (W) TOTAL:_____ 3. CL3 (C) TOTAL:_____	

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SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			NOTE PERFORM THE FOLLOWING STEP IF ADDITIONAL ALARMS NEED TO BE SILENCED/SUPPRESSED TO SUPPORT TESTING.	
201-012	KCDH	SSFE	INHIBIT ALL EXCESS ALARMS PER DIRECTION RECORD ALARM STATE IN THE FOLLOWING APPENDIXES APPENDIX ___ FOR INH :_____ APPENDIX ___ FOR ENA:_____	
				NOT PERFORMED:_____
201-013	KCDH	MS1	PCS (CB-INT BUS) RECORD PCS TIME _____:_____:_____:_____ (DAY:HR:MIN:SEC) GMT _____:_____:_____:_____ (DAY:HR:MIN:SEC) DELTA TO GMT (GMT-PCS TIME): _____	
201-014	KCDH	MS2	PCS (CB-EXT BUS) RECORD PCS TIME _____:_____:_____:_____ (DAY:HR:MIN:SEC) GMT _____:_____:_____:_____ (DAY:HR:MIN:SEC) DELTA TO GMT (GMT-PCS TIME) : _____	

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SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

NOTE

THE FOLLOWING VERIFICATION WILL VERIFY THAT C&W RESPONSE IS INHIBITED DURING ACTIVATION.

201-015 KCDH

TCMS (DMON)
VERIFY:
1. ENG: CFV CURRENT VALUE TABLE COMMAND & CONTRL RAPID DEPRESS RESPONSE ENABLE INDICATOR- FALSE
   PUI: LADP01MDCUKJJ
2. ENG: CFV CURRENT VALUE TABLE CMD & CONTROL TOXIC ATMOSPHERE RESPONSE ENABLE INDICATOR–
   FALSE
   PUI: LADP01MDCUKMJ
3. ENG: CFV CURRENT VALUE TABLE COMMAND & CONTROL FIRE RESPONSE ENABLE INDICATOR – FALSE
   PUI: LADP01MDCUKKJ
4. ENG:JEM FIRE ISOLATION ENABLED – FALSE
   PUI: LADP01MDD7GWJ
5. ENG: CFV NODE2 FIRE ISOLATION ENABLED – FALSE
   PUI: LADP01MDD9UIJ
6. ENG: FDS INT FIRE SAFING INDICATOR – DISABLED
   PUI: LADP08MD5689J

NOTE

FILE NAMES WILL BE RECORDED PER TASK LEADER DIRECTION.

201-016 KCDH MS2 DKQM

PCS(CB-EXT BUS)
PERFORM SAVE FLIGHT PCS LOG FILES TO PCS HARD DRIVE PER OMI R2009 SEQUENCE 07 INCLUDE RESTART OF THE PCSCDS PROCESS TO RESET LOG FILE. REPORT COMPLETE.
PCS SERIAL NUMBER :_____

START GMT _____:_____:_____ (DAY:HR:MIN)

COMPLETE GMT _____:_____:_____ (DAY:HR:MIN)

RECORD LOG FILE DIRECTORY NAME:_____

NV:_____

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SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
201-017	KCDH	MS1 DKQM	PCS (CB-INT BUS) PERFORM SAVE FLIGHT PCS LOG FILES TO PCS HARD DRIVE PER OMI R2009 SEQUENCE 07 INCLUDE RESTART OF THE PCSCDS PROCESS TO RESET LOG. REPORT COMPLETE. PCS SERIAL NUMBER :_____ START GMT _____:_____:_____ (DAY:HR:MIN) COMPLETE GMT _____:_____:_____ (DAY:HR:MIN) RECORD LOG FILE DIRECTORY NAME:_____	NV:_____
201-018	PTC	ALL	THE CAUTION AND WARNING TEST IS ABOUT TO BEGIN. PA ANNOUNCEMENT :EXPECT INTERMITTENT TONES IN NODE 2 MODULE AND THE FLIGHT EMULATOR.	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

TASK 1 TEST BUTTON CONFIGURATION

NOTE

THE FOLLOWING STEPS WILL RECORD THE NUMBER OF ISS WARNINGS/CAUTIONS PRIOR TO EVENT TRIGGER.

201-019 KCDH MS2 PCS (C&W TOOL BAR, CB-EXT BUS)

1. RECORD # OF WARNINGS:_____
2. RECORD # OF CAUTIONS :_____

201-020 KCDH MS1 PCS(C&W TOOL BAR, CB-INT BUS)

1. RECORD # OF WARNINGS:_____
2. RECORD # OF CAUTIONS:_____

201-021 KCDH TLM JEM C&W PANELS
TLM MJ1

1. VERIFY JEM WS C&W PANEL:

LAMP	ILLUMINATED
FIRE	N0
△P	N0
ATM	N0
WARNING	N0
CAUTION	N0

2. VERIFY JEM RMS C&W PANEL:

LAMP	ILLUMINATED
FIRE	N0
∆P	N0
ATM	N0
WARNING	N0
CAUTION	N0

3. VERIFY NO EMERGENCY, CAUTION OR WARNING TONES ACTIVE IN JEM MODULE (PRACA 3319)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

201-022 KCDH MS1 NODE 2 C&W PANEL

1. VERIFY:

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	NO

2. VERIFY NO EMERGENCY, CAUTION OR WARNING TONES ACTIVE IN NODE 2

NOTE

THE FOLLOWING TASK SATISFIES OMRS-A30000MD.200-F.

TASK 2 "TEST" PUSH BUTTON

201-023 KCDH TLM JEM RMS C&W PANEL
TLM MJ1

1. PRESS AND HOLD "TEST" BUTTON

GMT _____:_____:_____ (HR:MIN:SEC)

2. VERIFY JEM WS C&W PANEL:

LAMP	ILLUMINATED
FIRE	YES
ΔP	YES
ATM	YES
WARNING	YES
CAUTION	YES

3. VERIFY JEM RMS C&W PANEL:

LAMP	ILLUMINATED
FIRE	YES
ΔP	YES
ATM	YES
WARNING	YES
CAUTION	YES

4. VERIFY NO EMERGENCY, CAUTION, OR WARNING TONES IN JEM MODULE (PRACA 3319)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
201-024	KCDH	MS1	NODE 2 C&W PANEL	

1. VERIFY:

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	NO

2. VERIFY NO EMERGENCY, CAUTION, OR WARNING TONES IN NODE 2 MODULE

NOTE

THE EVENT CODES LISTED ARE FOR REFERENCE ONLY.

201-025 KCDH MS2 PCS (C&W SUMMARY PAGE CB-EXT BUS)

1. VERIFY NO C&W EVENTS GENERATED IN PREVIOUS STEPS

NOTE

ANY ADDITIONAL EVENT CODES/MESSAGE TEXT RECORDED ARE FOR ENGINEERING EVALUATION.

2. RECORD C&W EVENTS GENERATED IN PREVIOUS STEPS

EVENT CODE MESSAGE TEXT

_____

_____

_____

~OMRSD A3000MD.200-F

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

201-026 KCDH

TCMS (ECW MESSAGE HISTORY)
RECORD:

1. CL1 (E) TOTAL:_____
2. CL2 (W) TOTAL:_____
3. CL3 (C) TOTAL:_____

201-027 KCDH TLM
TLM MJ1

JEM RMS C&W PANEL

1. RELEASE
   “TEST” BUTTON

   GMT _____:_____:_____ (HR:MIN:SEC)

2. VERIFY JEM WS C&W PANEL

LAMP	ILLUMINATED
FIRE	NO
△P	NO
ATM	NO
WARNING	NO
CAUTION	NO

3. VERIFY JEM RMS C&W PANEL:

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	NO

201-028 KCDH MS1

NODE 2 C&W PANEL

VERIFY:

LAMP	ILLUMINATED
FIRE	NO
△P	NO
ATM	NO
WARNING	NO
CAUTION	NO

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

201-029 KCDH

TCMS (ECW MESSAGE HISTORY)
RECORD:

1. CL1 (E) TOTAL :_____
2. CL2 (W) TOTAL:_____
3. CL3 (C) TOTAL:_____

~OMRSD A3000MD.200-F

TASK 3 "FIRE" BUTTON CONFIGURATION

201-030 KCDH

TCMS (ECW MESSAGE HISTORY)
RECORD

EVENT	TOTAL	ACTIVE
CL1 (E)		
CL2 (W)		
CL3 (C)		

REPORT COMPLETE

201-031 KCDH MS1

NODE 2 C&W PANEL

1. VERIFY:

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	NO

2. VERIFY NO EMERGENCY, CAUTION, OR WARNING TONES IN NODE 2 MODULE

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
201-032	KCDH	TLM	JEM C&W PANELS	
	TLM	MJ1		

1. VERIFY:
   JEM WS C&W PANEL:

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	NO

2. VERIFY

JEM RMS C&W PANEL:

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	NO

3. VERIFY NO EMERGENCY, CAUTION, OR WARNING TONES IN JEM MODULE (PRACA 3319)

201-033 KCDH TCMS (DMON)

VERIFY:

1. ENG: ISPR_FWD1 FDSMODE STATUS - MANUAL
   PUI: JSDC00SWZ608J

2. ENG: ISPR_FWD1_SD MONITOR STATUS- INVALID
   PUI: JSDC00FCE772J

3. EVENT INHIBIT FLAG (ISPR_FWD1_FIRE)-INH
   PUI: JSDC00SWZ34KJ

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
201-034	KCDH	SSFE	MATE LOAD AND RUN MATE SCRIPT MEIT3_MATE_CMDS INDEX: 0X005D CMD:JPM_CDH_ACTIVE_JCP_EVENT_DET_ENA_TMPLT PUI: JSDD96IM0227K PARAMETER 1 EVENT ID : 203 (ISPR_FWD1_FIRE) GMT _____:_____:_____ (DAY:HR:MIN)	
201-035	KCDH		TCMS (DMON) VERIFY: EVENT INHIBIT FLAG (ISPR_FWD1_FIRE)-ENABLE PUI: JSDC00SWZ34KJ	
201-036	KCDH		TCMS (DMON) RECORD: ENG: AUTOMATED FUNCTION INHIBIT FLAG(ISPR_F1_FDS):_____ PUI: JSDC00SWZ40WJ	
			NOTE IF ‘AUTOMATED FUNCTION INHIBIT FLAG’ IS ENABLE, PERFORM THE FOLLOWING 2 STEP.	
201-037	KCDH	SSFE	MATE LOAD AND RUN MATE SCRIPT MEIT3_MATE_CMDS INDEX: 0X0059 CMD: JPM_CDH_ACTIVE_JCP_FAS_AUTO_PROC_INH_TMPLT PUI: JSDD96IM0225K PARAMETER 1 (AUTO FUNCTION ID) : 33 (AUTOMATED FUNCTION INHIBIT FLAG(ISPR_F1_FDS)) GMT _____:_____:_____ (HR:MIN:SEC)	
201-038	KCDH		TCMS (DMON) VERIFY: ENG: AUTOMATED FUNCTION INHIBIT FLAG(ISPR_F1_FDS):_-INH PUI: JSDC00SWZ40WJ	

NOT PERFORMED:_____
(PREVIOUS 2 STEPS)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
201-039	KCDH	SSFE	CES MATE LOAD AND RUN SCRIPT MEIT3_MATE_CMDS INDEX: 0X0073 CMD: JPM_ECL_FDS_ISPR_F1_SD_A_THOLD_SET TMPLT. PUI: JSEF96IM0069K PARAMETER 1 OBSCURATION_T/H (WORD 9): 00F4 HEX PARAMETER 2 OBSCURATION_HIGH RAIL(WORD 10): 0035 HEX PARAMETER 3 OBSCURATION LOW RAIL (WORD 11): 00C6 HEX PARAMETER 4 SCATTER_T/H (WORD 12): 00E7 HEX PARAMETER 5 SCATTER LOW RAIL (WORD 13): 00FD HEX PARAMETER 6 SCATTER HIGH RAIL (WORD 14): 00E7 HEX GMT _____:_____:_____ (HR:MIN:SEC)	
201-040	KCDH		TCMS(DMON) RECORD : 1. ENG: ISPR_FWD1_SD OBSCURATION T/H : VALUE: _____(-1 +/- 0.3) VDIFF PUI: JSDC00FCE779V 2. ISPR_FWD1_SD SCATTER THRESHOLD VALUE: _____(-2 +/- 0.3) VDIFF PUI: JSDC00FCE77AV	
201-041	KCDH	SSFE	CES MATE LOAD AND RUN MATE SCRIPT MEIT3_MATE_CMDS INDEX: 0X0074 CMD: JPM_ECL_FDS_ISPR_F1_SD_A_BIT_THOLD_SET_TMPLT PUI: JSEF96IM0072K PARAMETER 1 BIT_OBSCURATION_HIGH_RAIL (WORD 9): 000C HEX PARAMETER 2 BIT_LED_SCATTER_LOW_RAIL (WORD 10): 00F4 HEX PARAMETER 3 BIT_LED_SCATTER_HIGH_RAIL (WORD 11): 0035 HEX PARAMETER 4 BIT_QUIET_SCATTER_HIGH_RAIL (WORD 12) : 0006 HEX GMT _____:_____:_____ (HR:MIN:SEC)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
201-042	KCDH		TCMS (DMON) VERIFY: 1. ISPR_FWD1_SD BIT OBSCURATION HIGH RAIL VALUE: 1 +/- 0.3 VDIFF PUI: JSDC00FCE77BV 2. ISPR_FWD1_SD BIT LED SCATTER LOW RAIL VALUE: -1 +/- 0.3 VDIFF PUI: JSDC00FCE77CV 3. ISPR_FWD1_SD BIT LED SCATTER HIGH RAIL VALUE: 4 +/- 0.3 VDIFF PUI: JSDC00FCE77DV **NOTE** THE FOLLOWING TASK VERIFIES OMRS A3000MD.200-A. **TASK 4 “FIRE” BUTTON** **NOTE** THE FOLLOWING STEPS WILL TRIGGER TONES IN THE MODULES.	
201-043	KCDH	SSFE	CES MATE: LOAD AND RUN MATE SCRIPT MEIT3_MATE_CMDS INDEX: 0X0070 CMD: JPM_ECL_FDS+_PSR_F1_SD_A_MONITOR_START PUI: JSEF96IM0066K GMT _____:_____:_____ (HR:MIN:SEC)	
201-044	KCDH		TCMS (DMON) VERIFY: 1. ENG:ISPR_FWD1_SD MONITOR STATUS– VALID PUI: JSDC00FCE772J 2. ENG:ISPR_FWD1_SD FIRE VERIFICATION INFORMATION– VERIFIED PUI: JSDC00FCE771J 3. ENG: DIU_A1 HEALTH STATUS SUMMARY – ERROR. PUI: JSDC00FCD000J	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
201-045	KCDH TLM	TLM SLT	SLT(C&W MESSAGE PAGE) VERIFY: “ISPR_FWD1_FIRE”	

NOTE

AN EMERGENCY-TONE IS AN ON AND OFF, CYCLING SINE-WAVE TONE, DURATION 400 MILLISECONDS OFF AND 400 MILLISECONDS ON.

201-046 KCTE MS1 VERIFY AND RECORD ACKNOWLEDGEMENT OF ANNOUNCIATED TONE AT EACH ATU SIMULTANEOUSLY

TONES	NODE2 (ATU-7)	NODE2 (ATU-15)		
EMERGENCY				

~OMRSD A3000MC.400-G (PARTIAL ATU’S ANNUNCIATE EMERGENCY TONE)

201-047 KCDH TLM JEM C&W PANELS
TLM MJ1

1. VERIFY:
JEM WS C&W PANEL

LAMP	ILLUMINATED
FIRE	YES
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	NO

2. VERIFY

JEM RMS C&W PANEL:

LAMP	ILLUMINATED
FIRE	YES
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	NO

3. VERIFY EMERGENCY AUDIO TONES IN JEM MODULE (PRACA 3319)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

201-048 KCDH MS1 NODE 2 C&W PANEL

1. VERIFY:

LAMP	ILLUMINATED
FIRE	YES
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	NO

2. VERIFY EMERGENCY AUDIO TONES IN NODE 2 MODULE

201-049 KCDH TCMS (ECW MESSAGE HISTORY) RECORD

EVENT	TOTAL	ACTIVE
CL1 (E)		
CL2 (W)		
CL3 (C)		

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

NOTE

THE EVENT CODES LISTED ARE FOR REFERENCE ONLY.

201-050 KCDH MS2 PCS (C&W SUMMARY PAGE CB-EXT BUS)

1. VERIFY C&W EVENTS GENERATED IN PREVIOUS STEPS

EVENT CODE MESSAGE TEXT
_11401 FIRE ISPR F1 SD–JPM
_____
_____
_____
_____

NOTE

ANY ADDITIONAL EVENT CODES/MESSAGE TEXT RECORDED ARE FOR ENGINEERING EVALUATION.

2. RECORD C&W EVENTS GENERATED IN PREVIOUS STEPS

EVENT CODE MESSAGE TEXT

_____

_____

_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
201-051	KCDH TLM	TLM MJ1	JEM WS C&W PANEL	

1. PRESS AND HOLD FOR 2 SECONDS THEN RELEASE "FIRE" BUTTON

   GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY

2. JEM WS C&W PANEL:

LAMP	ILLUMINATED
FIRE	YES
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	NO

3. JEM RMS C&W PANEL:

LAMP	ILLUMINATED
FIRE	YES
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	NO

4. EMERGENCY TONES SILENCED IN JEM MODULE (PRACA 3319)

201-052	KCTE	MS1	NODE 2 C&W PANEL	

VERIFY

1. NODE 2 C&W PANEL

LAMP	ILLUMINATED
FIRE	YES
ATM	NO
ΔP	NO
WARNING	NO
CAUTION	NO

2. EMERGENCY TONES SILENCED IN NODE 2

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

NOTE

BEEP SOUND OF THE SLT WILL BE SILENCED AUTOMATICALY WHEN THE ALARM RETURNS TO NORMAL STATE.

NOTE

THE FOLLOWING STEPS WILL RESET THE ALARM TO ITS NOMINAL STATE.

201-053 KCDH SSFE CES MATE
LOAD AND RUN MATE SCRIPT
MEIT3_MATE_CMDS
INDEX: 0X0071

CMD: JPM_ECL_FDS_ISPR_F1_SD_A_MONITOR STOP
PUI: JSEF96IM0067K

GMT _____:_____:_____ (HR:MIN:SEC)

201-054 KCDH TCMS (DMON)
ENG: ISPR_FWD1_SD MONITOR STATUS- INVALID
PUI:JSDC00FCE772J

201-055 KCDH SSFE CES MATE
LOAD AND RUN MATE SCRIPT
MEIT3_MATE_CMDS
INDEX: 0X0072

CMD:
JPM_ECL_FDS_ISPR_F1_SD_A_FIRE_VERIF_INFO_RST
PUI:JSEF96IM0068K

GMT _____:_____:_____ (HR:MIN:SEC)

201-056 KCDH TCMS (DMON)

VERIFY:

1. ENG: ISPR_FWD1_SD FIRE VERIFICATION INFORMATION - NOT VERIFIED.
   PUI:JSDC00FCE771J

2. ENG: DIU_A1 HEALTH STATUS SUMMARY- NORMAL
   PUI: JSDC00FCD000J

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

NOTE

BEEP SOUND OF THE SLT IS STOPPED AUTOMATICALLY.

201-057 KCDH TLM JEM C&W PANELS
TLM MJ1

1. VERIFY:
JEM WS C&W PANEL:

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	NO

2. VERIFY

JEM RMS C&W PANEL:

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	NO

201-058 KCDH MS1 NODE 2 C&W PANEL

VERIFY:

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	NO

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

201-059 KCDH

TCMS (ECW MESSAGE HISTORY)
RECORD

EVENT	TOTAL	ACTIVE
CL1 (E)		
CL2 (W)		
CL3 (C)		

~OMRSD A3000MD.200-A

TASK 5 “TOXIC ATMOSPHERE” BUTTON CONFIGURATION

201-060 KCDH

TCMS (ECW MESSAGE HISTORY)
RECORD

EVENT	TOTAL	ACTIVE
CL1 (E)		
CL2 (W)		
CL3 (C)		

201-061 KCDH MS1

NODE 2 C&W PANEL

1. VERIFY:

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	NO

2. VERIFY NO CAUTION AND WARNING TONES IN NODE 2 MODULE.

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
201-062	KCDH TLM	TLM MJ1	JEM C&W PANELS	

1. VERIFY:
JEM WS C&W PANEL:

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	NO

2. VERIFY
JEM RMS C&W PANEL:

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	NO

3. VERIFY NO CAUTION AND WARNING TONES IN JEM MODULE (PRACA 3319)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

NOTE

THE FOLLOWING TASK WILL SATISFY OMRS A3000MD.200-B.

TASK 6 “TOXIC ATMOSPHERE” BUTTON

NOTE

THE FOLLOWING STEP WILL TRIGGER TONES IN THE MODULE.

201-063 KCDH MS1 NODE 2 CAUTION WARNING PANEL

1. PRESS AND HOLD FOR 2 SECONDS THEN RELEASE “ATM” BUTTON

   GMT _____:_____:_____ (HR:MIN:SEC)

NODE 2 CAUTION AND WARNING PANEL

2. VERIFY:

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	YES
WARNING	NO
CAUTION	NO

3. VERIFY EMERGENCY AUDIO TONES IN THE NODE 2 MODULE

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
201-064	KCDH TLM	TLM MJ1	JEM C&W PANELS	

1. VERIFY:
   JEM WS C&W PANEL:

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	YES
WARNING	NO
CAUTION	NO

2. VERIFY

JEM RMS C&W PANEL:

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	YES
WARNING	NO
CAUTION	NO

3. VERIFY EMERGENCY AUDIO TONES IN THE JEM MODULE (PRACA 3319)

201-065 KCDH

TCMS (ECW MESSAGE HISTORY) RECORD

EVENT	TOTAL	ACTIVE
CL1 (E)		
CL2 (W)		
CL3 (C)		

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

NOTE

THE EVENT CODES LISTED ARE FOR REFERENCE ONLY.

201-066 KCDH MS2 PCS (C&W SUMMARY PAGE CB-EXT BUS)

1. VERIFY

EVENT CODE MESSAGE TEXT
11716 TOXIC ATMOSPHERE MANUAL ALARM NODE 2
_____
_____
_____
_____

NOTE

ANY ADDITIONAL EVENT CODES/MESSAGE TEXT RECORDED ARE FOR ENGINEERING EVALUATION.

2. RECORD

EVENT CODE MESSAGE TEXT

_____

_____

_____

_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
201-067	KCDH TLM	TLM MJ1	JEM WS C&W PANEL	

1. PRESS AND HOLD FOR 2 SECONDS THEN RELEASE "ATM" BUTTON

   GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY

2. JEM WS C&W PANEL

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	YES
WARNING	NO
CAUTION	NO

3. JEM RMS C&W PANEL:

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	YES
WARNING	NO
CAUTION	NO

4. NO EMERGENCY AUDIO TONES IN JEM MODULE (PRACA 3319)

201-068 KCDH MS1 VERIFY

1. NODE 2 CAUTION AND WARNING PANEL

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	YES
WARNING	NO
CAUTION	NO

2. NO EMERGENCY TONES IN NODE 2 MODULE

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

NOTE

THE FOLLOWING STEPS WILL RESET THE ALARM TO ITS NOMINAL STATE.

201-069 KCDH MS1 PCS (C&W SUMMARY PAGE)
SELECT USING LEFT MOUSE CLICK THE “ATM” TEXT
“RIGHT CLICK” ON TEXT MESSAGE
(ACTION WILL BRING UP POP UP WINDOW)

201-070 KCDH MS1 PCS (C&W SUMMARY PAGE)
“POP UP WINDOW”

SELECT “ACKNOWLEDGE”

201-071 KCDH TLM JEM C&W PANELS
TLM MS1

1. VERIFY:

JEM WS C&W PANEL:

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	NO

2. VERIFY

JEM RMS C&W PANEL:

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	NO

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

201-072 KCDH MS1 NODE 2 C&W PANEL
VERIFY:

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	NO

201-073 KCDH TCMS (ECW MESSAGE HISTORY)
RECORD

EVENT	TOTAL	ACTIVE
CL1 (E)		
CL2 (W)		
CL3 (C)		

~OMRSD A3000MD.200-B

TASK 7 “RAPID DEPRESS” BUTTON CONFIGURATION

201-074 KCDH TLM VERIFY NO CAUTION AND WARNING AUDIO TONES IN
TLM MJ1 JEM MODULE (PRACA 3319)

201-075 KCDH MS1 VERIFY NO CAUTION AND WARNING AUDIO TONES IN
NODE 2 MODULE.

201-076 KCDH TCMS (ECW MESSAGE HISTORY)
RECORD

EVENT	TOTAL	ACTIVE
CL1 (E)		
CL2 (W)		
CL3 (C)		

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

201-077 KCDH MS1 NODE 2 C&W PANEL
VERIFY:

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	NO

201-078 KCDH TLM JEM C&W PANELS
TLM MJ1

1. VERIFY:
   JEM WS C&W PANEL

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	NO

2. VERIFY

JEM RMS C&W PANEL:

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	NO

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

NOTE

THE FOLLOWING TASK SATISFIES OMRS A3000MD.200-C

TASK 8 "RAPID DEPRESS" BUTTON

201-079 KCDH TLM JEM RMS CAUTION WARNING PANEL
TLM MJ1 PRESS AND HOLD "ΔP" BUTTON FOR 2 SECONDS AND RELEASE

GMT _____:_____:_____ (DAY:HR:MIN)

1. VERIFY

JEM RMS C&W PANEL:

LAMP	ILLUMINATED
FIRE	NO
ΔP	YES
ATM	NO
WARNING	NO
CAUTION	NO

2. JEM WS C&W PANEL

LAMP	ILLUMINATED
FIRE	NO
ΔP	YES
ATM	NO
WARNING	NO
CAUTION	NO

3. VERIFY EMERGENCY AUDIO TONES IN THE JEM MODULE (PRACA 3319)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

201-080 KCDH MS1 NODE 2 CAUTION AND WARNING PANEL

1. VERIFY:

LAMP	ILLUMINATED
FIRE	NO
ΔP	YES
ATM	NO
WARNING	NO
CAUTION	NO

2. VERIFY EMERGENCY AUDIO TONES IN THE NODE 2 MODULE

201-081 KCDH MS2 PCS (C&W TOOL BAR CB-EXT BUS)

1. VERIFY "ΔP/ΔT" BUTTON ILLUMINATED ON C&W TOOL BAR
2. RECORD # OF WARNINGS :_____
3. RECORD # OF CAUTIONS: _____

201-082 KCDH MS1 PCS (C&W TOOL BAR CB-INT BUS)

1. VERIFY :"ΔP/ΔT" BUTTON ILLUMINATED ON C&W TOOL BAR
2. RECORD # OF WARNINGS:_____
3. RECORD # OF CAUTIONS:_____

201-083 KCDH TCMS (ECW MESSAGE HISTORY) RECORD

EVENT	TOTAL	ACTIVE
CL1 (E)		
CL2 (W)		
CL3 (C)		

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

NOTE

THE EVENT CODES LISTED ARE FOR REFERENCE ONLY.

201-084 KCDH MS1 PCS (C&W SUMMARY PAGE CB-INT BUS)

1. VERIFY

EVENT CODE MESSAGE TEXT

12281 RAPID DEPRESS MANUAL ALARM JEM

_____

_____

_____

_____

NOTE

ANY ADDITIONAL EVENT CODES/MESSAGE TEXT RECORDED ARE FOR ENGINEERING EVALUATION.

2. RECORD

EVENT CODE MESSAGE TEXT

_____

_____

_____

_____

201-085 KCDH MS2 PCS (C&W TOOLBAR CB-EXT BUS)

1. LEFT CLICK “ΔP/ΔT” BUTTON
   GMT _____:_____:_____ (HR:MIN:SEC)
2 SELECT “OK” IN THE POP UP WINDOW

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
201-086	KCDH	TLM	JEM C&W PANELS	
	TLM	MJ1	VERIFY	

1. JEM WS C&W PANEL

LAMP	ILLUMINATED
FIRE	NO
ΔP	YES
ATM	NO
WARNING	NO
CAUTION	NO

2. JEM RMS C&W PANEL:

LAMP	ILLUMINATED
FIRE	NO
ΔP	YES
ATM	NO
WARNING	NO
CAUTION	NO

3. NO EMERGENCY TONES IN JEM MODULE (PRACA 3319)

201-087 KCDH MS1 VERIFY

1. NODE 2 CAUTION AND WARNING PANEL

LAMP	ILLUMINATED
FIRE	NO
ΔP	YES
ATM	NO
WARNING	NO
CAUTION	NO

2. NO EMERGENCY TONES IN NODE 2 MODULE

NOTE

THE FOLLOWING STEPS WILL RESET THE ALARM TO ITS NOMINAL STATE.

201-088 KCDH MS2 PCS (C&W SUMMARY PAGE CB-EXT BUS)
HIGHLIGHT THE “ΔP/ΔT” TEXT
“RIGHT CLICK” ON TEXT
(ACTION WILL BRING UP POP UP WINDOW)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
201-089	KCDH	MS2	PCS (C&W SUMMARY PAGE CB-EXT BUS) "POP UP WINDOW" SELECT "ACKNOWLEDGE"	
201-090	KCDH TLM	TLM MJ1	JEM C&W PANELS 1. VERIFY: JEM WS C&W PANEL	

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	NO

2. VERIFY

JEM RMS C&W PANEL:

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	NO

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

201-091 KCDH MS1 NODE 2 C&W PANEL
VERIFY:

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	NO

201-092 KCDH MS2 PCS (C&W TOOL BAR CB-EXT BUS)

1. VERIFY RAPID DEPRESS BUTTON NOT ILLUMINATED ON C&W TOOL BAR
2. RECORD # OF WARNINGS:_____
3. RECORD # OF CAUTIONS:_____

201-093 KCDH MS1 PCS (C&W TOOL BAR CB-INT BUS)

1. VERIFY RAPID DEPRESS BUTTON NOT ILLUMINATED ON C&W TOOL BAR
2. RECORD # OF WARNINGS :_____
3. RECORD # OF CAUTIONS:_____

201-094 KCDH TCMS (ECW MESSAGE HISTORY)
RECORD

EVENT	TOTAL	ACTIVE
CL1 (E)		
CL2 (W)		
CL3 (C)		

~OMRSD A3000MD.200-C

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

TASK 9 "GENERIC WARNING" (COMMANDED CLASS 2 EVENT) CONFIGURATION

201-095 KCDH TLM JEM C&W PANELS
TLM MJ1

1. VERIFY:
JEM WS C&W PANEL

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	NO

2. VERIFY

JEM RMS C&W PANEL:

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	NO

201-096 KCDH MS1 NODE 2 C&W PANEL
VERIFY:

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	NO

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
201-097	KCDH TLM	TLM MJ1	VERIFY NO CAUTION AND WARNING TONES IN THE JEM MODULE (PRACA 3319)	
201-098	KCDH	MS1	VERIFY NO CAUTION AND WARNING TONES IN THE NODE 2 MODULE	
201-099	KCDH		TCMS (ECW MESSAGE HISTORY) RECORD	

EVENT	TOTAL	ACTIVE
CL1 (E)		
CL2 (W)		
CL3 (C)		

NOTE

THE FOLLOWING TASK WILL SATISFY OMRS A3000 MD.200-E

TASK 10 “GENERIC WARNING “ (COMMANDED CLASS 2 EVENT)

NOTE

THE FOLLOWING STEPS WILL INITIATE TONES IN THE MODULES.

SET PM PRESSURE CHECK LOWER LIMIT

201-100 KCDH

TCMS (DMON)
VERIFY
ENG: PM_CABIN_PRESS1 <727 MMHG
PUI:JSDC00FCE410P

201-101 KCDH SSFE

CES MATE
LOAD AND RUN MATE SCRIPT
MEIT3_MATE_CMDS
INDEX: 0X010F

CMD:JPM_CDH_ACTIVE_JCP_EVENT_LIM_SET_NUM_SEL_TMPLT
PUI: JSDD96IM0224K
PARAMETER 1 (EVENT ID) : 457
PARAMETER 2 (LIMIT SET N0) : 1

GMT _____:_____:_____ (HR:MIN:SEC)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
201-102	KCDH		TCMS (DMON) VERIFY ENG: LIMIT SET (PM CABIN PRESSURE LOW (PRIMARY)):1 PUI: JSDC00SWZ29CU	
201-103	KCDH	SSFE	CES MATE LOAD AND RUN MATE SCRIPT MEIT3_MATE_CMDS INDEX: 0X0060 CMD:JPM_CDH_ACTIVE_JCP_EVENT-DET_ENA_TMPLT PUI:JSDD96IM0227K PARAMETER1 (EVENT ID) : 457 (PM CABIN PRESSURE LOW) (PRIMARY) GMT _____:_____:_____ (HR:MIN:SEC)	
201-104	KCDH		TCMS (DMON) VERIFY: ENG: EVENT INHIBIT FLAG (PM CABIN PRESSURE LOW ((PRIMARY)) – ENA PUI: JSDC00SWZ38DJ	
201-105	KCDH TLM	TLM SLT	SLT VERIFY SLT MESSAGE ‘CABIN PRESSURE 1 LOW’	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
201-106	KCDH TLM	TLM MJ1	JEM C&W PANELS	

1. VERIFY:

JEM WS C&W PANEL:

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	YES
CAUTION	NO

2. VERIFY

JEM RMS C&W PANEL:

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	YES
CAUTION	NO

3. VERIFY PROPER WARNING TONES IN THE JEM MODULE (PRACA 3319)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

201-107 KCDH MS1 NODE 2 C&W PANEL
1.VERIFY:

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	YES
CAUTION	NO

2. VERIFY PROPER WARNING TONES IN THE NODE 2 MODULE NOTE

NOTE

A WARNING TONE IS A CONTINUOUS SINGLE SINE-WAVE TONE

201-108 KCTE MS1 VERIFY AND RECORD ACKNOWLEDGEMENT OF ANNOUNCIATED TONE AT EACH ATU SIMULTANEOUSLY

TONES	**NODE2 (ATU-7)**	**NODE2 (ATU-15)**
WARNING		

~OMRSD A3000MC.400-G (PARTIAL ATU'S ANNUNCIATE WARNING TONE)

201-109 KCDH MS2 PCS (C&W TOOL BAR CB-EXT BUS)

1. VERIFY "WARNING " BUTTON ILLUMINATED ON C&W TOOL BAR
2. RECORD # OF WARNINGS:_____
3. RECORD # OF CAUTIONS:_____

201-110 KCDH MS1 PCS (C&W TOOL BAR CB-INT BUS)

1. VERIFY "WARNING" BUTTON ILLUMINATED ON C&W TOOL BAR
2. RECORD # OF WARNINGS:_____
3. RECORD # OF CAUTIONS:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
201-111	KCDH		TCMS (ECW MESSAGE HISTORY) RECORD	

EVENT	TOTAL	ACTIVE
CL1 (E)		
CL2 (W)		
CL3 (C)		

NOTE

THE EVENT CODES LISTED ARE FOR REFERENCE ONLY.

201-112 KCDH MS2 PCS (C&W SUMMARY PAGE (CB-EXT BUS)

1. VERIFY

EVENT CODE MESSAGE TEXT
_11420 CABIN PRESS 1 LOW_____
_____
_____
_____

NOTE

ANY ADDITIONAL EVENT CODES/MESSAGE TEXT RECORDED ARE FOR ENGINEERING EVALUATION.

2. RECORD

EVENT CODE MESSAGE TEXT

_____

_____

_____

_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
201-113	KCDH TLM	TLM MJ1	JEM WS C&W PANEL	

1. PRESS AND HOLD “WARNING” BUTTON FOR 2 SECONDS THEN RELEASE

   GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY

2. JEM WS C&W PANEL

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	YES
CAUTION	NO

3. JEM RMS C&W PANEL:

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	YES
CAUTION	NO

4. NO WARNING TONES IN JEM MODULE (PRACA 3319)

201-114	KCDH	MS1	VERIFY	

1. NODE 2 C&W PANEL

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	YES
CAUTION	NO

2. VERIFY NO WARNING TONES IN NODE 2 MODULE

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

NOTE

THE FOLLOWING STEPS WILL RESET THE ALARM TO ITS NOMINAL STATE.

201-115 KCDH SSFE CES MATE
LOAD AND RUN MATE SCRIPT
MEIT3_MATE_CMDS
INDEX: 0X006A

CMD: JPM_CDH_ACTIVE_JCP_EVENT_DET_INH_TEMP
PUI: JSDD96IM0228K
PARAMETER 1 (EVENT ID): 457(CABIN PRESSURE LOW (PRIMARY))

GMT _____:_____:_____ (HR:MIN:SEC)

201-116 KCDH TCMS (DMON)
VERIFY
ENG:EVENT INHIBIT FLAG(PM CABIN PRESSURE LOW (PRIMARY))- INH
PUI: JSDC00SWZ38DJ

NOTE:

THE FOLLOWING STEPS MAY TAKE UP TO ONE MINUTE TO VERIFY.

201-117 KCDH TLM JEM C&W PANELS
TLM MJ1

1. VERIFY:
   JEM WS C&W PANEL

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	NO

2. VERIFY

JEM RMS C&W PANEL:

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	NO

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

201-118 KCDH MS1 NODE 2 C&W PANEL
VERIFY:

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	NO

201-119 KCDH TCMS (ECW MESSAGE HISTORY)
RECORD

EVENT	TOTAL	ACTIVE
CL1 (E)		
CL2 (W)		
CL3 (C)		

201-120 KCDH MS2 PCS (C&W TOOL BAR CB-EXT BUS)

1. VERIFY “WARNING” BUTTON NOT ILLUMINATED ON C&W TOOL BAR
2. RECORD # OF WARNINGS:_____
3. RECORD # OF CAUTIONS:_____

201-121 KCDH MS1 PCS (C&W TOOL BAR CB-INT BUS)

1. VERIFY “WARNING ” BUTTON NOT ILLUMINATED ON C&W TOOL BAR
2. RECORD # OF WARNINGS:_____
3. RECORD # OF CAUTIONS:_____

~OMRSD A3000MD.200-E

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			TASK 11 "GENERIC WARNING" (COMMANDED CLASS 2 EVENT) RECONFIGURATION	
			RESET PM PRESSURE LOWER LIMIT VALUE TO 2	
201-122	KCDH	SSFE	CES MATE LOAD AND RUN MATE SCRIPT MEIT3_MATE_CMDS INDEX: 0X0050 CMD:JPM_CDH_ACTIVE_JCP_EVENT_LIM_SET_NUM_SEL_TMPLT PUI: JSDD96IM0224K PARAMETER 1 (LIMIT SET N0) : 2 GMT _____:_____:_____ (HR:MIN:SEC)	
201-123	KCDH		TCMS(DMON) VERIFY ENG: LIMIT SET (PM CABIN PRESSURE LOW(PRIMARY): 2 PUI: JSDC00SWZ29CU	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

TASK 12 GENERIC CAUTION (COMMANDED EVENT CLASS 3) CONFIGURATION

201-124 KCDH TLM JEM C&W PANELS
TLM MJ1

1. VERIFY:
JEM WS C&W PANEL

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	NO

2. VERIFY

JEM RMS C&W PANEL:

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	NO

201-125 KCDH MS1 NODE 2 C&W PANEL
VERIFY:

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	NO

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
201-126	KCDH TLM	TLM MJ1	VERIFY NO CAUTION AND WARNING AUDIO TONES ARE ACTIVE IN THE JEM MODULE (PRACA 3319)	
201-127	KCDH	MS1	VERIFY NO CAUTION AND WARNING AUDIO TONES ARE ACTIVE IN THE NODE 2 MODULE	
201-128	KCDH		TCMS (ECW MESSAGE HISTORY) RECORD	

EVENT	TOTAL	ACTIVE
CL1 (E)		
CL2 (W)		
CL3 (C)		

NOTE

THE FOLLOWING TASK WILL SATISFY OMRS A3000MD.200-D

TASK 13 “GENERAL CAUTION” (COMMANDED CLASS EVENT)

NOTE

THE FOLLOWING STEP WILL TRIGGER A GENERIC CAUTION EVENT. EXPECT TONES IN NODE 2 AND THE FLIGHT EMULATOR.

201-129	KCDH	SSFE	CES MATE LOAD AND RUN MATE SCRIPT MEIT3_MATE_CMDS INDEX: 0X005C CMD: JPM_CDH_ACTIVE JCP_EVENT_DET_ENA_TMPLT PUI: JSDD96IM0227K PARAMETER 1 (EVENT ID) : 176 (ELM_HCTL_COMMUNICATION ERROR) GMT _____:_____:_____ (HR:MIN:SEC)	
201-130	KCDH		TCMS (DMON) VERIFY: ENG: EVENT_INHIBIT_FLAG(ELM_HCTL_COMMUNICATION_ERRO R) –ENA PUI:JSDC00SWZ343J	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
201-131	KCDH	SSFE	CES MATE LOAD AND RUN MATE SCRIPT MEIT3_MATE_CMDS INDEX: 0X0023 ENG: JEM_C&DH_DIU/ORU(RS422)_COM START TMPLT (ENABLE SDIO DIU_B3_SIO#5) PARAMETER 1 RT : = 11 (DIU_B3) PARAMETER 2 SA := 5 (JLP_HCTL) PUI: JSDD96IM0035K GMT _____:_____:_____ (HR:MIN:SEC)	
201-132	KCDH		TCMS (DMON) VERIFY ENG: DIU_B3 RS422 PORT5 SAMPLING ERROR – NOT OK (ABNORMAL) PUI: JSDC00FCDA06J	
201-133	KCDH TLM	TLM MJ1	JEM C&W PANELS 1. VERIFY: JEM WS C&W PANEL:	

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	YES

2. VERIFY

JEM RMS C&W PANEL:

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	N0
CAUTION	YES

3. VERIFY CAUTION AUDIO TONES IN THE JEM MODULE (PRACA 3319)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

201-134 KCDH MS1 NODE 2 C&W PANEL

1. VERIFY:

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	YES

2. VERIFY CAUTION AUDIO TONES IN THE NODE 2 MODULE

NOTE

A CAUTION-TONE IS TWO DIFFERENT ALTERNATING SINE-WAVE TONES, WITH THE SAME DURATION.

201-135 KCTE MS1 VERIFY AND RECORD ACKNOWLEDGEMENT OF ANNOUNCIATED TONE AT EACH ATU SIMULTANEOUSLY

TONES	**NODE2 (ATU-7)**	**NODE2 (ATU-15)**
CAUTION		

~OMRSD A3000MC.400-G (PARTIAL ATU'S ANNUNCIATE CAUTION TONE)

201-136 KCDH MS2 PCS (C&W TOOL BAR CB-EXT BUS)

1. VERIFY "CAUTION " BUTTON ILLUMINATED ON C&W TOOL BAR
2. RECORD # OF WARNINGS:_____
3. RECORD # OF CAUTIONS:_____

201-137 KCDH MS1 PCS (C&W TOOL BAR CB-INT BUS)

1. VERIFY "CAUTION" BUTTON ILLUMINATED ON C&W TOOL BAR
2. RECORD # OF WARNINGS:_____
3. RECORD # OF CAUTIONS:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

201-138 KCDH

TCMS (ECW MESSAGE HISTORY)
RECORD

EVENT	TOTAL	ACTIVE
CL1 (E)		
CL2 (W)		
CL3 (C)		

NOTE

THE EVENT CODES LISTED ARE FOR REFERENCE ONLY.

201-139 KCDH MS2

PCS (C&W SUMMARY PAGE CB-EXT BUS)

1. VERIFY

EVENT CODE MESSAGE TEXT
11360 DIU_B3/JLP HCLT COM ERROR- JLP
_____
_____
_____

NOTE

ANY ADDITIONAL EVENT CODES/MESSAGE TEXT RECORDED ARE FOR ENGINEERING EVALUATION.

2. RECORD

EVENT CODE MESSAGE TEXT

_____

_____

_____

_____

201-140 KCDH TLM
TLM SLT

SLT (C&W MESSAGE PAGE)
VERIFY:
“ELM_HCTL COMM ERROR”

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
201-141	KCDH TLM	TLM MJ1	JEM RMS C&W PANEL	

1. PRESS AND HOLD “CAUTION” BUTTON FOR 2 SECONDS THEN RELEASE “CAUTION” BUTTON

   GMT _____:_____:_____ (HR:MIN:SEC)

2. JEM WS C&W PANEL

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	YES

3. JEM RMS C&W PANEL:

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	YES

4. VERIFY NO CAUTION TONES IN JEM MODULE (PRACA 3319)

201-142 KCDH MS1 VERIFY

1. NODE 2 C&W PANEL

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	YES

2. NO CAUTION TONES IN NODE 2 MODULE

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			NOTE THE FOLLOWING STEPS WILL RETURN THE ALARM TO A NORMAL STATE.	
201-143	KCDH	SSFE	CES MATE LOAD AND RUN MATE SCRIPT MEIT3_MATE_CMDS INDEX: 0X0041 ENG: JPM_CDH_DIU/ORU_(RS422)_COMM_STOP_TMPLT (SDIO DIU_B3_SIO#5) PUI: JSDD96IM0036K PARAMETER 1:RT # = 11 (DIU_B3) PARAMETER 2:SIO # = 5 (JLP_HCTL) GMT _____:_____:_____ (HR:MIN:SEC)	
201-144	KCDH		TCMS (DMON) VERIFY ENG: DIU_B3 RS422 PORT5 SAMPLING ERROR – OK (NORMAL) PUI: JSDC00FCDA06J	
201-145	KCDH	SSFE	CES MATE LOAD AND RUN MATE SCRIPT MEIT3_MATE_CMDS INDEX: 0X0066 CMD:JPM_CDH_ACTIVE_JCP_EVENT_DET_INH_TMPLT PUI: JSDD96IM0228K PARAMETER 1: 176(ELM_HTCL_COMMUNCIATION ERROR) GMT _____:_____:_____ (HR:MIN:SEC)	
201-146	KCDH		TCMS(DMON) VERIFY: ENG: EVENT_INHIBIT_FLAG(ELM_HCTL_COMMUNICATION_ERRO R) –INH PUI:JSDC00SWZ343J	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

NOTE:

THE FOLLOWING STEPS MAY TAKE UP TO ONE MINUTE TO VERIFY.

201-147 KCDH TLM JEM C&W PANELS
TLM MJ1

1. VERIFY:

JEM_WS C&W PANEL:

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	NO

2. VERIFY

JEM RMS C&W PANEL:

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	NO

201-148 KCDH MS1 NODE 2 C&W PANEL
VERIFY:

LAMP	ILLUMINATED
FIRE	NO
ΔP	NO
ATM	NO
WARNING	NO
CAUTION	NO

201-149 KCDH MS2 PCS (C&W TOOL BAR CB-EXT BUS)

1. VERIFY “CAUTION ” BUTTON NOT ILLUMINATED ON C&W TOOL BAR
2. RECORD # OF WARNINGS:_____
3. RECORD # OF CAUTIONS:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
201-150	KCDH	MS1	PCS (C&W TOOL BAR CB-INT BUS)	

1. VERIFY “CAUTION” BUTTON NOT ILLUMINATED ON C&W TOOL BAR
2. RECORD # OF WARNINGS:_____
3. RECORD # OF CAUTIONS:_____

201-151 KCDH

TCMS (ECW MESSAGE HISTORY)
RECORD

EVENT	TOTAL	ACTIVE
CL1 (E)		
CL2 (W)		
CL3 (C)		

~OMRSD A3000MD.200-D

CAUTION AND WARNING TEST RECONFIGURATION

NOTE

PERFORM THE NEXT TWO STEPS IF NOT CONTINUING ON FROM THE PREVIOUS CAUTION AND WARNING EVENT.

201-152 KCDH MS2

PCS (CB-EXT)
PERFORM SAVE FLIGHT PCS LOG FILES TO PCS HARD DRIVE PER OMI R2009 SEQUENCE 07
DKQM
PCS SERIAL NUMBER:_____
REPORT COMPLETE.

START GMT _____:_____:_____ (DAY:HR:MIN)

COMPLETE GMT _____:_____:_____ (DAY:HR:MIN)

RECORD LOG FILE DIRECTORY
NAME:_____

NV:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
201-153	KCDH	MS1 DKQM	PCS (CB-INT) PERFORM SAVE FLIGHT PCS LOG FILES TO PCS HARD DRIVE PER OMI R2009 SEQUENCE 07 PCS SERIAL NUMBER:_____ REPORT COMPLETE. START GMT _____:_____:_____ (DAY:HR:MIN) COMPLETE GMT _____:_____:_____ (DAY:HR:MIN) RECORD LOG FILE DIRECTORY NAME:_____	NV:_____ NOT PERFORMED:_____ (PREVIOUS 2 STEPS)

NOTE

DEACTIVATE AUDIO SYSTEM IF NO LONGER REQUIRED TO SUPPORT TESTING.

201-154	PTC	KCTE DKQM	PERFORM OPERATIONS SUPPORT SETUP AUDIO SYSTEM DEACTIVATION PER R0031V1 SEQUENCE 31. REPORT COMPLETE. RECORD START GMT _____:_____:_____ (DAY:HR:MIN) COMPLETE GMT _____:_____:_____ (DAY:HR:MIN)	NV:_____ NOT PERFORMED:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			NOTE PERFORM THE FOLLOWING STEP IF NODE 2 FLIGHT PCS IS NO LONGER REQUIRED FOR TEST.	
201-155	PTC	KCDH DKQM	PERFORM FLIGHT PCS DEACTIVATION PER R2009 SEQUENCE 09. REPORT COMPLETE. RECORD START GMT _____:_____:_____ (DAY:HR:MIN) COMPLETE GMT _____:_____:_____ (DAY:HR:MIN)	NV:_____ NOT PERFORMED:_____
			NODE 2 C&W PANEL DEACTIVATION	
201-156	KCDH	MS1	PCS NODE 2:C&DH:NODE2-2 MDM 1. SELECT ‘ RPCM N22A3A-B RPC 04' 2. CMD: OPEN PUI: LAPR96IM2440K OPS: RPCM_N22A3A_B_RPC_04_N2_2_MDM_CW_SDO_PWR_OP GMT _____:_____:_____ (HR:MIN:SEC) 3. VERIFY: RPC POSITION-OP ENG: RPCM N2PRT 2A3A_B SW04 VOLTAGE STATUS PUI: N2PN26FC1019J	
201-157	KCDH	DKQM	ATTACH HARD COPIES OF PCS CAUTION AND WARNING LOG FILES OR C&W SUMMARY/HISTORY. ALSO ATTACH TCMS C&W LOG FILES OR SCREEN CAPTURE TO AS RUN OF SEQUENCE. REPORT COMPLETE	
201-158	KCDH PTC 052	PTC DKQM	CAUTION AND WARNING SEQUENCE COMPLETE. GMT _____:_____:_____ (DAY:HR:MIN)	NV:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
202-000			**RESERVED**	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
203-000			**JEM VIDEO TEST**	
203-001	PTC	DKQM	RECORD THE FOLLOWING INFORMATION: GMT _____:_____:_____ (DAY:HR:MIN)	
				NV:_____

NOTE

ACCEPTABLE VIDEO IS DEFINED AS VIDEO IMAGES WITH NO VISIBLE NOISE OR DISTORTION

CAUTION

TO PREVENT DAMAGE TO VSU4, MTL COOLING SHALL BE ACTIVE TO ENSURE THE BASEPLATE TEMERATURE DOES NOT EXCEED 90 DEG FAREINHEIT.

203-002	KCTE	KTCS	VERIFY MTL COOLING IS ACTIVE	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
203-003	TIE 052	DKQM	RECORD THE ACTUAL STATE FOR THE FOLLOWING EQUIPMENT:	

SYSTEM/ORU	REQUIRED STATE	ACTUAL STATE
C&C 1	ACTIVE	
N2 TCS MTL/LTL	ACTIVE	
PCS	ACTIVE	
LAB VSU	SYNC ENABLE: ACTUAL SWITCH STATUS: EXTERNAL SYNC SOURCE: ACTUAL SWITCH STATUS: SCU1 POWER MODE: ACTUAL SWITCH STATUS: FULL POWER	
LAB SCU	POWER STATUS: FULL POWER SYNC SIGNAL GENERATOR STATUS : ENABLE SYNC TEST PATTERN SELECTION: COLOR BAR	
VBSP	FIELD RATE: 30 RESOLUTION: 8 BIT	
HRFM	OUTPUT RATE: 50MBPS VBSP CH: 8 BIT	
RWS	ACTIVE	
N2 VSU4	SYNC ENABLE: ACTUAL SWITCH STATUS: EXTERNAL SYNC SOURCE: ACTUAL SWITCH STATUS: SCU1 POWER MODE: ACTUAL SWITCH STATUS: FULL POWER	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP CMD RESP DESCRIPTION VERIF.

SYSTEM/ORU	REQUIRED STATE	ACTUAL STATE
SLT	ACTIVE	
RLT	ACTIVE	
RMS CONSOLE	ACTIVE	
JEM CVIU-A	POWERED ON	
JEM CVIU-B	POWERED ON	
JEM VCU-A	BIT STATUS: VALID BIT RESULT SUMMARY: SUMMARY NORMAL	
JEM VCU-B	BIT STATUS: VALID BIT RESULT SUMMARY: SUMMARY NORMAL	
MA-EE (INT P)CAMERA	IMAGE DISPLAYED ON RMS MON2	
EF-A (INT S) CAMERA	IMAGE DISPLAYED ON RMS MON1	

NV:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

NOTE

ACTIVATE US LAB AND NODE 2 VIDEO EQUIPMENT PRIOR TO ACTUATING JEM VIDEO EQUIPMENT TO AVOID AN ERROR FROM JEM VIDEO EQUIPMENT.

NOTE

PERFORM THE FOLLOWING STEP TO CONFIGURE FOR SYSTEM TESTING IF REQUIRED.

203-004 TIE DKQM

SEQUENCE TITLE	PROCEDURE	SEQUENCE #	START GMT	STOP GMT

NV:_____

NOT PERFORMED:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
203-005	KCTE	TLM	RECORD THE FOLLOWING CAMERA INFORMATION:	
	TLM	MJ1		
			MA-EE VIDEO LINE:	
			INT P CAMERA PART NUMBER:_____	
			S/N _____	
			EF-A VIDEO LINE:	
			INT S CAMERA PART NUMBER: _____	
			S/N _____	
			PCS MANUAL ROUTING	
203-006	KCTE	TLM	SLT	
	TLM	SLT	JPM:C&T:VIDEO CONNECT	
			'CT VIDEO CONNECT'	
			CMD: VIDEO_CONNECT CVIU_A - EF_A	
			OPS: JPM_C&T_VCU_TO_CVIU_A_VID_CNCT_TMPLT	
			PUI: JSDD96IM0021K	
			PARAMETER: 22 (EF_A_VIDEO_SIGNAL)	
			1. SELECT CVIU-A	
			2. SELECT EF_A (INT S)	
			GMT _____:_____:_____ (HR:MIN:SEC)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
203-007	KCTE	TLM	SLT	
	TLM	SLT	JPM:C&T:VIDEO CONNECT	
			'CT VIDEO CONNECT'	
			VERIFY INPUT FOR CVIU-A – EF_A ENG: VCU_A_VOUT1 CONNECT STATUS PUI: JSDC00FCC20GJ	
203-008	KCTE	MS1	PCS: C&T:VIDEO: VSU4:SWITCH PROGRAM PUI: LACV95SM0005K OPS: VDS_VSU4_SW_PROGRAM_TMPLT ROUTE VIDEO FROM JEM CVIU-A(1) TO VSU1 VIA VSU4	
			1. INPUT PORT – ENTER 12	
			2. OUTPUT PORT – ENTER 14	
			3. SELECT SET	
			4. CMD: SCU1 SWEP PUI: LACV96IM0121K OPS: VDS_SCU1_ENABLE_SWITCH_CONFIGURATION_SWEP	
			GMT _____:_____:_____ (HR:MIN:SEC)	
203-009	KCTE	MS1	PCS:C&T:VIDEO: VSU1:SWITCH PROGRAM	
			ROUTE VIDEO FROM VSU1 TO RWS MONITOR 1	
			1. INPUT PORT – ENTER 14	
			2. OUTPUT PORT – 2 (RWS MON1)	
			3. SELECT - SET	
			4. CMD: SCU1 SWEP OPS: VDS_SCU1_ENABLE_SWITCH_CONFIGURATION_SWEP PUI: LACV96IM0121K EXECUTE	
			GMT _____:_____:_____ (HR:MIN:SEC)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
203-010	KCTE	*RWS	VERIFY ACCEPTABLE VIDEO IS PRESENT ON RWS MONITOR 1. ~OMRSD A3000MC.200-A	
203-011	KCTE	MS1	PCS:C&T:VIDEO: VSU1:SWITCH PROGRAM ROUTE VIDEO TO THE VBSP 1. INPUT PORT – ENTER 14 2. OUTPUT PORT – ENTER 4 3. SELECT - SET 4. CMD: SCU1 SWEP OPS: VDS_SCU1_ENABLE_SWITCH_CONFIGURATION_SWEP PUI: LACV96IM0121K EXECUTE GMT _____:_____:_____ (HR:MIN:SEC)	
203-012	KCTE	STVE	ROUTE VIDEO OUTPUT FROM VBSP TO C&T LAB MONITOR AND FACILITY MONITOR	
203-013	KCTE	STVE	VERIFY ACCEPTABLE VIDEO ON C&T LAB MONITOR	
			ROUTING VIDEO IMAGE TO VIDEO TEST SET	
203-014	KCTE	MS1	PCS:C&T:VIDEO: VSU1:SWITCH PROGRAM ROUTE VIDEO TO THE VIDEO TEST SET 1. INPUT PORT – ENTER 14 2. OUTPUT PORT – ENTER 3 (AS VTR1 OUTPUT) 3. SELECT - SET 4. CMD: SCU1 SWEP OPS: VDS_SCU1_ENABLE_SWITCH_CONFIGURATION_SWEP PUI: LACV96IM0121K EXECUTE GMT _____:_____:_____ (HR:MIN:SEC)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

203-015 KCTE STVE VERIFY VIDEO SIGNAL IS PRESENT AT THE VIDEO TEST SET

RECORD THE FOLLOWING VIDEO PARAMETERS FOR JEM VIDEO (ENGINEERING BASELINE DATA ONLY):

VIDEO PARAMETER	VM700 MEASUREMENT	VALUE
INSERTION GAIN	LEVEL METER	IRE
S/N RATIO (15K TO 5M)	NOISE SPECTRUM	DB
CHROMA-LUM DELAY INEQUALITY	CHROMLUM GAIN DELAY	NSEC
CHROMA-LUM GAIN INEQUALITY	CHROMLUM GAIN DELAY	%
DIFFERENTIAL GAIN	DGDP	%
DIFFERENTIAL PHASE	DGDP	DEG
LUMINANCE NON-LINEARITY	LUMINANCE NON-LINEARITY	%
CHROMA NON-LINEAR GAIN	CHROMINANCE NONLINEARITY NTC7 20 IRE CHROMA	IRE
	NTC7 80 IRE CHROMA	IRE
CHROMA NON-LINEAR PHASE	CHROMA NON-LINEAR PHASE	DEG
CHROMA-LUM INTERMODULATION	CHROMA-LUM INTERMODULATION	IRE
FRONT PORCH	FRONT PORCH	µSEC
H SYNC LEVEL	H SYNC LEVEL	µSEC
H SYNC RISE TIME	H SYNC RISE TIME	µSEC
H SYNC FALL TIME	H SYNC FALL TIME	µSEC
BURST AMPLITUDE	BURST AMPLITUDE	IRE
SCH	SCH	DEG

CCP COMMANDING

203-016 KCTE STVE BEGIN RECORDING VIDEO ON VHS RECORDER.

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

NOTE

RWS AND RMS CONSOLE OPERATORS MONITOR DISPLAYS FOR THE FOLLOWING STEP TO VERIFY IF IMAGE CHANGES AS EXPECTED.

203-017 KCTE TLM UTILIZE RMS CCP TO CONTROL JEM CAMERA
TLM MJ1
*RWS

CAMERA SELECT – SET TO EF-A

COMMAND	**GMT (DAY:HOUR:MINUTE:SECOND)**	**VERIFY IMAGE CHANGED AS EXPECTED**
ZOOM IN		
FOCUS		
ZOOM OUT		
FOCUS		
COLOR BALANCE – METAL		
COLOR BALANCE - DAY		

~OMRSD A3000MC.100-A

203-018 KCTE TLM SLT
TLM SLT JPM:C&T:VCU A:TVC CONTROL SITE CMD

'JPM CT TVC CNTL SITE CMD'

CMD: GROUND
OPS: JPM_C&T_VCU_TVC/PTU_CMD_AUTH_SET_TMPLT
ENG: SELECT TVC_OPERATION_POSTN
PUI: JSDD96IM0032K
PARAMETER: 0 (GROUND)
EXECUTE

GMT _____:_____:_____ (HR:MIN:SEC)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
203-019	KCTE	TLM	SLT	
	TLM	SLT	JPM:C&T:VCU A	
			‘JPM CT VCU A STAT’	
			VERIFY:	
			1. TVC CONTROL SITE – GROUND ENG: VCU_A JEM TVC/PTU OPERATION AUTHORIZATION STATUS PUI: JSDC00FCC20VJ	
			‘JPM CT VCU B STAT’	
			2. TVC CONTROL SITE – GROUND ENG: VCU_B JEM TVC/PTU OPERATION AUTHORIZATION STATUS PUI: JSDC00FCC40VJ	
203-020	KCTE	TLM	RMS CCP FRONT PANEL	
	TLM	MJ1	VERIFY	
			1. VCU A ENABLE LIGHT – NOT ILLUMINATED	
			2. VCU B ENABLE LIGHT – NOT ILLUMINATED	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP CMD RESP DESCRIPTION VERIF.

SSIPC (KSC-SIM) COMMANDING

NOTE

1. RWS AND RMS CONSOLE OPERATORS MONITOR DISPLAYS FOR THE FOLLOWING STEP TO VERIFY IF IMAGE CHANGES AS EXPECTED

2. ALL CAMERA COMMANDS SHOULD INCLUDE START AND STOP. A JEM CAMERA COMMAND TEMPLATE “CONTROL CAMERA” (JSDC00SWCTC0L) IS USED FOR ALL SIX COMMANDS

203-021 KCTE SSFE RUN SCRIPT MEIT 3 FOR JEM EF_A CAMERA

COMMAND	INDEX #	GMT (DAY:HOUR:MINUTE:SECOND)	VERIFY IMAGE CHANGED AS EXPECTED
ZOOM IN			
FOCUS NEAR			
ZOOM OUT			
FOCUS FAR			
COLOR BALANCE – METAL			
COLOR BALANCE – DAY			

~OMRSD A3000MC.100-B

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
203-022	KCTE	TLM	SLT	
	TLM	SLT	JPM:C&T:VCU A:TVC CONTROL SITE CMD	
			'JPM CT TVC CNTL SITE CMD'	
			CMD: CCP OPS: JPM_C&T_VCU_TVC/PTU_CMD_AUTH_SET_TMPLT ENG: SELECT TVC_OPERATION_POSTN PUI: JSDD96IM0032K PARAMETER: 256 (CCP) EXECUTE	
			GMT _____:_____:_____ (HR:MIN:SEC)	
203-023	KCTE	TLM	SLT	
	TLM	SLT	JPM:C&T:VCU A	
			'JPM CT VCU A STAT'	
			VERIFY:	
			1. TVC CONTROL SITE – CCP ENG: VCU_A JEM TVC/PTU OPERATION AUTHORIZATION STATUS PUI: JSDC00FCC20VJ	
			'JPM CT VCU B STAT'	
			2. TVC CONTROL SITE – CCP ENG: VCU_B JEM TVC/PTU OPERATION AUTHORIZATION STATUS PUI: JSDC00FCC40VJ	
203-024	KCTE	TLM	RMS CCP FRONT PANEL	
	TLM	MJ1	VERIFY	
			1. VCU A ENABLE LIGHT – ILLUMINATED 2. VCU B ENABLE LIGHT – ILLUMINATED	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
203-025	KCTE	TLM	PER SPECIAL INSTRUCTION ADJUST EF-A (INT S) WITH RMS CCP AS REQUIRED TO OBTAIN ACCEPTABLE VIDEO IMAGE.	

CAMERA SELECT – SET TO EF-A

COMMAND	**GMT (DAY:HOUR:MINUTE:SECOND)**
ZOOM IN	
FOCUS	
ZOOM OUT	
FOCUS	

203-026	KCTE	TLM	SLT
	TLM	SLT	JCP:C&T:VIDEO CONNECT
			‘CT VIDEO CONNECT’
			CMD: RESET VCU_A_SWITCHES_POSTN OPS: JPM_C&T_VCU_A_ALL_CNCT_OP PUI: JSPX96IM0012K
			SELECT - VCU_A VIDEO CONNECT RESET
			GMT _____:_____:_____ (HR:MIN:SEC)
203-027	KCTE	TLM	SLT
	TLM	SLT	JCP:C&T:VIDEO CONNECT
			VERIFY INPUT FOR CVIU-A – OFF ENG: VCU_A_VOUT1 CONNECT STATUS PUI: JSDC00FCC20GJ
203-028	KCTE	MS1	PCS:C&T:VIDEO:VSU4:
			VERIFY NO FIBER OPTIC ACTIVITY ON VSU4
203-029	KCTE	*RWS	VERIFY NO IMAGE ON RWS MON

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			PCS AUTOROUTE	
203-030	KCTE	TLM	SLT	
	TLM	SLT	JPM:C&T:VIDEO CONNECT	
			'CT VIDEO CONNECT'	
			CMD: VIDEO_CONNECT CVIU_B - MA_EE	
			OPS: JPM_C&T_VCU_TO_CVIU_B_VID_CNCT_TMPLT	
			PUI: JSDD96IM0022K	
			PARAMETER: 24 (MA_EE_VIDEO_SIGNAL)	
			1. SELECT CVIU-B	
			2. SELECT MA_EE	
			CMD: _____:_____:_____ (HR:MIN:SEC)	
203-031	KCTE	TLM	SLT	
	TLM	SLT	JPM:C&T:VIDEO CONNECT	
			'CT VIDEO CONNECT'	
			CMD: SET SPLIT_SCREEN <NO_SELECT><NO_ SELECT><MA_EE><NO_SELECT>	
			1. SELECT MON 1	
			2. SELECT NONE	
			3. SELECT MON2L	
			4. SELECT MA_EE	
			5. SELECT MON2R	
			6. SELECT NONE	
			7. EXECUTE	
			GMT _____:_____:_____ (HR:MIN:SEC)	
203-032	KCTE	TLM	RMS MONITOR 2	
	TLM	MJ1	VERIFY IMAGE IS PRESENT FROM INT P (MA_EE)	
203-033	KCTE	TLM	SLT	
	TLM	SLT	JPM:C&T:VIDEO CONNECT	
			'CT VIDEO CONNECT'	
			VERIFY: INPUT FOR CVIU-B – MA_EE	
			ENG: VCU_B_VOUT3 CONNECT STATUS	
			PUI: JSDC00FCC40IJ	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
203-034	KCTE	MS1	PCS:C&T:VIDEO:TRUNKLINE AVAILABILITY PUI: LACV96IM0198K OPS: VDS_USOS_TRUNKLINE_AVAILABLITY_TMPLT INHIBIT TRUNKLINE 24 VSU4 OUTPUT 14 VSU1 INPUT 14 FROM AUTOROUTE 'MODIFY USOS TRUNKLINE' 1. USOS TRUNKLINE ID – ENTER 24 2. AVAILABLE/NOTAVAILABLE – ENTER 0 (INHIBIT) 3. SELECT - SET GMT _____:_____:_____ (HR:MIN:SEC) 4. VERIFY USOS TRUNKLINE 24 – NOT AVAILABLE	
203-035	KCTE	MS1	PCS:C&T:VIDEO:TRUNKLINE AVAILABILITY PUI: LACV96IM0198K OPS: VDS_USOS_TRUNKLINE_AVAILABLITY_TMPLT INHIBIT TRUNKLINE 25 VSU4 OUTPUT 14 VSU1 INPUT 14 FROM AUTOROUTE 'MODIFY USOS TRUNKLINE' 1. USOS TRUNKLINE ID – ENTER 25 2. AVAILABLE/NOTAVAILABLE – ENTER 0 (INHIBIT) 3. SELECT - SET GMT _____:_____:_____ (HR:MIN:SEC) 4. VERIFY USOS TRUNKLINE 25 – NOT AVAILABLE	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
203-036	KCTE	MS1	PCS:C&T:VIDEO:VIDEO ROUTING:AUTOROUTE PUI: LACV96IM0195K OPS: VDS_AUTO_ROUTE_TMPLT ROUTE JEM VIDEO FROM CVIU-B TO RWS MONITOR 1 VIA PCS AUTOROUTE 'AUTOROUTE' 1. DESTINATION ID – ENTER 1 (RWS MONITOR 1) 2. SOURCE ID – ENTER 6 (JEM CVIU 2 (B)) 3. SELECT - SET GMT _____:_____:_____ (HR:MIN:SEC)	
203-037	KCTE	MS1	PCS:C&T:VIDEO:VIDEO OVERVIEW: VIDEO ROUTING STATUS: LAB RWS MON1 SOURCES: VERIFY: SOURCE ID - 6 (CVIU2)	
203-038	KCTE	*RWS	VERIFY ACCEPTABLE VIDEO IS PRESENT AT RWS MONITOR 1 ~OMRSD A3000MC.200-B	
203-039	KCTE	MS1	PCS:C&T:VIDEO:VIDEO ROUTING:AUTOROUTE ROUTE JEM VIDEO FROM CVIU-B,2 TO VIDEO TEST SET VIA PCS AUTOROUTE 'AUTOROUTE' 1. DESTINATION ID – ENTER 3 VTR1 2. SOURCE ID – ENTER 6 (JEM CVIU 2 (B)) 3. SELECT - SET GMT _____:_____:_____ (HR:MIN:SEC)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

203-040 KCTE STVE RECORD THE FOLLOWING VIDEO PARAMETERS FOR JEM (ENGINEERING BASELINE DATA ONLY):

VIDEO PARAMETER	VM700 MEASUREMENT	VALUE
INSERTION GAIN	LEVEL METER	IRE
S/N RATIO (15K TO 5M)	NOISE SPECTRUM	DB
CHROMA-LUM DELAY INEQUALITY	CHROMLUM GAIN DELAY	NSEC
CHROMA-LUM GAIN INEQUALITY	CHROMLUM GAIN DELAY	%
DIFFERENTIAL GAIN	DGDP	%
DIFFERENTIAL PHASE	DGDP	DEG
LUMINANCE NON-LINEARITY	LUMINANCE NON-LINEARITY	%
CHROMA NON-LINEAR GAIN	CHROMINANCE NONLINEARITY NTC7 20 IRE CHROMA	IRE
	NTC7 80 IRE CHROMA	IRE
CHROMA NON-LINEAR PHASE	CHROMA NON-LINEAR PHASE	DEG
CHROMA-LUM INTERMODULATION	CHROMA-LUM INTERMODULATION	IRE
FRONT PORCH	FRONT PORCH	µSEC
H SYNC LEVEL	H SYNC LEVEL	µSEC
H SYNC RISE TIME	H SYNC RISE TIME	µSEC
H SYNC FALL TIME	H SYNC FALL TIME	µSEC
BURST AMPLITUDE	BURST AMPLITUDE	IRE
SCH	SCH	DEG

203-041 KCTE MS1 PCS:C&T:VIDEO:VIDEO ROUTING:DEROUTE
PUI: LACV96IM0213K
OPS: VDS_DEROUTE_DESTINATION_TMPLT
DEROUTE JEM VIDEO FROM RWS MONITOR 1

1. DEROUTE DESTINATION ID – ENTER 1 (RWS MONITOR1)

2. SELECT - SET

GMT _____:_____:_____ (HR:MIN:SEC)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
203-042	KCTE	MS1	PCS:C&T:VIDEO:VIDEO OVERVIEW: 'VIDEO ROUTING STATUS' VERIFY: LAB RWS MON1 – SOURCE ID - BLANK	
203-043	KCTE	*RWS	VERIFY JEM VIDEO NO LONGER DISPLAYED ON RWS MONITOR ~OMRSD A3000MC.200-B **DCP AUTOROUTE**	
203-044	KCTE TLM	TLM SLT	SLT JPM:C&T:VIDEO CONNECT 'CT VIDEO CONNECT' CMD: VIDEO_CONNECT CVIU_A - EF_A OPS: JPM_C&T_VCU_TO_CVIU_A_VID_CNCT_TMPLT PUI: JSDD96IM0021K PARAMETER: 22 (EF_A_VIDEO_SIGNAL) 1. SELECT - CVIU-A 2. SELECT - EF_A GMT _____:_____:_____ (HR:MIN:SEC)	
203-045	KCTE TLM	TLM SLT	SLT JPM:C&T:VIDEO CONNECT 'CT VIDEO CONNECT' CMD: SET SPLIT_SCREEN <EF_A><NO_SELECT><NO_SELECT><NO_SELECT> 1. SELECT - RMS MON1L 2. SELECT - EF_A 3. SELECT – RMS MON1R 4. SELECT – NONE 5. SELECT – RMS MON2 6. SELECT – NONE 7. EXECUTE GMT _____:_____:_____ (HR:MIN:SEC)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
203-046	KCTE	TLM	SLT	
	TLM	SLT	JPM:C&T:VIDEO CONNECT 'CT VIDEO CONNECT'	
			VERIFY: INPUT FOR CVIU-A – EF_A ENG: VCU_A_VOUT1 CONNECT STATUS PUI: JSDC00FCC20GJ	
203-047	KCTE	TLM	RMS MONITOR 1	
	TLM		VERIFY INT S (EF_A) IMAGE IS PRESENT	
			NOTE THE MONITOR SELECT WILL ILLUMINATE ONCE DEPRESSED AND WILL REMAIN ILLUMINATED. THE CAMERA SELECT WILL ONLY REMAIN ILLUMINATED WHILE DEPRESSED.	
203-048	KCTE	*RWS	ROUTE JEM VIDEO TO RWS MONITOR VIA DCP AUTOROUTE	
			DCP (RWS-LAB)	
			'MONITOR SELECT' ___MON 1___ - PRESS UNTIL ILLUMINATED	
			'CAMERA SELECT' ___5___ - PRESS UNTIL ILLUMINATED ___1___ - PRESS UNTIL ILLUMINATED	
203-049	KCTE	MS1	PCS:C&T:VIDEO:VIDEO OVERVIEW: VIDEO ROUTING STATUS: LAB RWS MON1 SOURCES:	
			VERIFY: SOURCE ID - JEM 1 (5)	
203-050	KCTE	*RWS	VERIFY ACCEPTABLE VIDEO IS PRESENT AT RWS MONITOR 1	
			~OMRSD A3000MC.200-C	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
203-051	KCTE	MS1	PCS:C&T:VIDEO:VIDEO ROUTING:DEROUTE PUI: LACV96IM0213K OPS: VDS_DEROUTE_DESTINATION_TMPLT DEROUTE JEM VIDEO FROM RWS MONITOR 1 1. DEROUTE DESTINATION ID – ENTER 1 (RWS MONITOR1) 2. SELECT - SET GMT _____:_____:_____ (HR:MIN:SEC)	
203-052	KCTE	MS1	PCS:C&T:VIDEO:VIDEO OVERVIEW: 'VIDEO ROUTING STATUS' VERIFY: SOURCE ID- LAB RWS MON1 -BLANK	
203-053	KCTE	*RWS	VERIFY JEM VIDEO NO LONGER DISPLAYED ON RWS MONITOR ~OMRSD A3000MC.200-C	
203-054	KCTE	MS1	PCS:C&T:VIDEO:TRUNKLINE AVAILABILITY PUI: LACV96IM0198K OPS: VDS_USOS_TRUNKLINE_AVAILABLITY_TMPLT ENABLE TRUNKLINE 24 VSU4 OUTPUT 14 VSU1 INPUT 14 FROM AUTOROUTE 'MODIFY USOS TRUNKLINE' 1. USOS TRUNKLINE ID – ENTER 24 2. AVAILABLE/NOTAVAILABLE – ENTER 1 (ENABLE) 3. SELECT - SET 4. VERIFY USOS TRUNKLINE 24 – AVAILABLE GMT _____:_____:_____ (HR:MIN:SEC)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
203-055	KCTE	MS1	PCS:C&T:VIDEO:TRUNKLINE AVAILABILITY PUI: LACV96IM0198K OPS: VDS_USOS_TRUNKLINE_AVAILABLITY_TMPLT ENABLE TRUNKLINE 25 VSU4 OUTPUT 14 VSU1 INPUT 14 FROM AUTOROUTE 'MODIFY USOS TRUNKLINE' 1. USOS TRUNKLINE ID – ENTER 25 2. AVAILABLE/NOTAVAILABLE – ENTER 1 (ENABLE) 3. SELECT - SET 4. VERIFY USOS TRUNKLINE 25 – AVAILABLE GMT _____:_____:_____ (HR:MIN:SEC)	
203-056	KCTE TLM	TLM SLT	SLT JPM:C&T:VIDEO CONNECT 'CT VIDEO CONNECT' 1. VERIFY: INPUT FOR CVIU-A – EF_A ENG: VCU_A_VOUT1 CONNECT STATUS PUI: JSDC00FCC20GJ 2. VERFIY: INPUT FOR CVIU-B – MA-EE ENG: VCU_B_VOUT3 CONNECT STATUS PUI: JSDC00FCC40IJ **USOS/JEM SPLIT SCREEN USING PCS**	
203-057	KCTE	SET1	POWER ON THE POWER SUPPLY FOR THE USOS EXTERNAL CAMERA DVTM LOCATED ON THE 2ND FLOOR OF THE FLIGHT EMULATOR GMT _____:_____:_____ (DAY:HR:MIN)	T:_____
203-058	KCTE	SSFE	RECORD THE FOLLOWING CAMERA INFORMATION: CAMERA PART NUMBER:_____ PAN/TILT UNIT: _____ S/N: _____	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
203-059	KCTE	MS1	PCS:C&T:VIDEO:SCU1:SCU1 FUNCTION ENABLE SPLIT SCREEN	
203-060	KCTE	MS1	PCS:C&T:VIDEO:SCU1:SCU1 FUNCTION VERIFY: SPLIT SCREEN PROCESSOR: ENABLE 1. LEFT MUX SELECT DESTINATION ID – ENTER 1 (RWS MON1) SELECT SOURCE ID – ENTER 5 (JEM CVIU 1) 2. SELECT:SET GMT ____:_____:_____ (HR:MIN:SEC) 3. RIGHT MUX SELECT DESTINATION ID – ENTER 1 (RWS MON1) SELECT SOURCE ID – ENTER 23 VTR1(VSU1 INPUT PORT) 4. SELECT:SET	
203-061	KCTE	*RWS	VERIFY ACCEPTABLE SPLIT SCREEN IMAGE IS PRESENT AT RWS MONITOR 1 ~OMRSD A3000MC.300-E **USE PCS AUTO TO ROUTE JEM CVIU-A (1) AND EXT-TVCG TO RMS TVM**	
203-062	KCTE TLM	TLM SLT	SLT JPM:C&T:VIDEO CONNECT ‘CT VIDEO CONNECT’ CMD: SET SPLIT_SCREEN <CVIU_A> <NO_SELECT><NO_SELECT><NO_SELECT> 1. SELECT - RMS MON1L 2. SELECT - CVIU-A 3. SELECT – RMS MON1R 4. SELECT – NONE 5. SELECT – RMS MON2 6. SELECT NONE 7. EXECUTE GMT _____:_____:_____ (HR:MIN:SEC)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
203-063	KCTE	TLM	SLT	
	TLM	SLT	JPM:C&T:VIDEO CONNECT	
			'CT VIDEO CONNECT'	
			VERIFY: INPUT FOR RMS MON1 – CVIUA ENG: VCU_A_VOUT5 CONNECT STATUS PUI: JSDC00FCC20KJ	
203-064	KCTE	MS1	PCS C&T:VIDEO:SCU1:SCU1 FUNCTION	
			1. LEFT MUX DESTINATION ID – ENTER 31(JEM CVIU1) SOURCE ID – ENTER 5 (JEM CVIU 1)	
			2. SELECT:SET GMT _____:_____:_____ (HR:MIN:SEC)	
			3. RIGHT MUX DESTINATION ID – ENTER 31 (JEM CVIU1) SOURCE ID – ENTER 23, VTR1 (VSU1 INPUT PORT)	
			4. SELECT:SET GMT _____:_____:_____ (HR:MIN:SEC)	
203-065	KCTE	TLM	VERIFY ACCEPTABLE SPLIT SCREEN IMAGE IS	
	TLM	MJ1	PRESENT AT RMS CONSOLE	
			~OMRSD A3000MC.300-F	
			USE PCS AUTO TO ROUTE JEM CVIU-A (1) AND JEM CVIU-B (2) TO RWS TVM	
203-066	KCTE	TLM	SLT	
	TLM	SLT	JPM:C&T:VIDEO CONNECT	
			'CT VIDEO CONNECT'	
			1. VERIFY: INPUT FOR CVIU-A – EF_A ENG: VCU_A_VOUT1 CONNECT STATUS PUI: JSDC00FCC20GJ	
			2. VERFIY: INPUT FOR CVIU-B – MA-EE ENG: VCU_B_VOUT3 CONNECT STATUS PUI: JSDC00FCC40IJ	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
203-067	KCTE	MS1	PCS C&T:VIDEO:SCU1:SCU1 FUNCTION 1. LEFT MUX DESTINATION ID – ENTER 1(RWS MON1) SOURCE ID – ENTER 5 (JEM CVIU 1) 2. SELECT:SET GMT _____:_____:_____ (HR:MIN:SEC) 3. RIGHT MUX DESTINATION ID – ENTER 1 (RWS MON1) SOURCE ID – ENTER 6 (JEM CVIU 2) 4. SELECT:SET GMT _____:_____:_____ (HR:MIN:SEC)	
203-068	KCTE	*RWS	VERIFY ACCEPTABLE SPLIT SCREEN IMAGE IS PRESENT AT RWS CONSOLE ~OMRSD A3000MC.300-B **JEM/USOS SPLIT SCREEN USING DCP**	
203-069	KCTE	*RWS	ROUTE JEM VIDEO TO RWS MONITOR VIA DCP AUTOROUTE DCP (RWS-LAB) ‘MUX B LEFT’ ‘MONITOR SELECT’ ___MON 2___ - PRESS UNTIL ILLUMINATED ‘CAMERA SELECT’ ___5___ - PRESS UNTIL ILLUMINATED ___1___ - PRESS UNTIL ILLUMINATED ‘MUX B RIGHT’ ‘MONITOR SELECT’ ___MON 2___ - PRESS UNTIL ILLUMINATED ‘CAMERA SELECT’ ___9___ - PRESS UNTIL ILLUMINATED ___1 __ - PRESS UNTIL ILLUMINATED	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
203-070	KCTE	*RWS	RWS MONITOR 2 VERIFY ACCEPTABLE VIDEO SPLIT SCREEN IMAGE IS PRESENT ~OMRSD A3000MC.300-G	
203-071	KCTE	MS1	PCS:C&T:VIDEO:VIDEO ROUTING:DEROUTE PUI: LACV96IM0213K OPS: VDS_DEROUTE_DESTINATION_TMPLT DEROUTE JEM VIDEO FROM RWS MONITOR 2 1. DEROUTE DESTINATION ID – ENTER 2 (RWS MONITOR2) 2. SELECT - SET	
203-072	KCTE	MS1	PCS:C&T:VIDEO:VIDEO OVERVIEW: 'VIDEO ROUTING STATUS' VERIFY: SOURCE ID- LAB RWS MON2 -BLANK	
203-073	KCTE	*RWS	VERIFY JEM/USOS SPLIT SCREEN VIDEO NO LONGER DISPLAYED ON RWS MONITOR	
203-074	KCTE	SET1	POWER OFF THE POWER SUPPLY FOR THE USOS EXTERNAL CAMERA DVTM GMT _____:_____:_____ (DAY:HR:MIN)	T:_____
203-075	KCTE TLM	TLM SLT	SLT JCP:C&T:VIDEO CONNECT 'CT VIDEO CONNECT' 1. CMD: RESET VCU_A_SWITCHES_POSTN OPS: JPM_C&T_VCU_A_ALL_CNCT_OP PUI: JSPX96IM0012K SELECT - VCU_A VIDEO CONNECT RESET GMT _____:_____:_____ (HR:MIN:SEC) 2. CMD: RESET VCU_B_SWITCHES_POSTN OPS: JPM_C&T_VCU_B_ALL_CNCT_OP PUI: JSDD96IM0012K SELECT - VCU_B VIDEO CONNECT RESET GMT _____:_____:_____ (HR:MIN:SEC)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
203-076	KCTE	TLM	SLT	
	TLM	SLT	JCP:C&T:VIDEO CONNECT	
			‘CT VIDEO CONNECT’	
			1. VERIFY: INPUT FOR CVIU-A – OFF ENG: VCU_A_VOUT1 CONNECT STATUS PUI: JSDC00FCC20GJ	
			2. VERIFY: INPUT FOR CVIU-B – OFF ENG: VCU_B_VOUT3 CONNECT STATUS PUI: JSDC00FCC40IJ	
			JEM SPLIT SCREEN REQUEST	
203-077	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS VIDEO CONNECT: SCU STATUS	
			VERIFY VIDEO CNTL STATUS:_DISABLED	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			NOTE PERFORM THE FOLLOWING STEP IF JEM VIDEO CONTROL ENABLE IS AVAILABLE IN PCS	
203-078	KCTE	MS1	PCS C&T:VIDEO:JEM VIDEO OVERVIEW PUI: LACV96IM0738K OPS: JEM_VIDEO_CONTROL_ENABLE SET FLAG TO ALLOW JEM OPERATORS TO REQUEST SPLIT SCREEN (ALLOWS JEM COMMAND OF SCU) 'JEM VIDEO CONTROL' SELECT – ENABLE VERIFY: STATUS - ENABLE	
				NOT PERFORMED:_____
			NOTE PERFORM THE FOLLOWING STEP IF THE PREVIOUS STEP WAS NOT PERFORMED	
203-079	KCTE	SSFE	CES MATE LOAD AND RUN SCRIPT MEIT3_MATE_CMDS INDEX: 0X0121 CMD: VDS_JEM JEM VIDEO CONTROL ENABLE PUI: LACV96IM0738K GMT _____:_____:_____ (HR:MIN:SEC)	
				NOT PERFORMED:_____
203-080	KCTE TLM	TLM RLT	RLT JEMRMS VIDEO CONNECT: SCU STATUS VERIFY VIDEO CNTL STATUS: ENABLE (1)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
203-081	KCTE	TLM	SLT	
	TLM	SLT	JPM:C&T:VIDEO CONNECT	
			'CT VIDEO CONNECT'	
			CMD: SET SPLIT_SCREEN <EF_A> <MA_EE><EF_F><NO_SELECT>	
			1. SELECT - MON1 SPLIT	
			2. SELECT - MON1 L	
			3. SELECT - EF_A	
			4. SELECT - MON1 R	
			5. SELECT - MA_EE	
			6. SELECT - MON2	
			7. SELECT - EF_F	
			8. SELECT EXECUTE	
			GMT _____:_____:_____ (DAY:HR:MIN)	
203-082	KCTE	TLM	RLT	
	TLM	RLT	MAGIC WINDOW:JEMRMS VID SELECT	
			VERIFY:	
			JEMRMS VIDEO SELECT - CVIUA (1)	
203-083	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS VIDEO CONNECT: SCU STATUS	
			VERIFY:	
			VIDEO CNTL STATUS - ENABLE(1))	
			VIDEO STATUS A - CVIUA (1)	
			VIDEO STATUS B - CVIUB (2)	
			SCU ID - 1	
			FUNCTION H/W STATUS A - ENABLE (1)	
			FUNCTION CMD STATUS A - ENABLE (1)	
			INPUT H/W STATUS A - CVIUA (1)	
			INPUT H/W STATUS B - CVIUB (2)	
			OUTPUT H/W STATUS B - CVIUA (1)	
			INPUT CMD STATUS A - CVIUA (1)	
			INPUT CMD STATUS B - CVIUB (2)	
			OUTPUT CMD STATUS B - CVIUA (1)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
203-084	KCTE TLM	TLM MJ1	VERIFY ACCEPTABLE VIDEO WITH NO VISIBLE NOISE OR DISTORTION IS PRESENT AT JEM RMS TVM 1 MONITOR	
203-085	KCTE TLM	TLM SLT	SLT JPM:C&T:VIDEO CONNECT 'CT VIDEO CONNECT' CMD: SET SPLIT_SCREEN 1. SELECT MON2 SPLIT 2. SELECT MON2 L 3. SELECT MA_EE 4. SELECT MON2 R 5. SELECT EF_A 6. SELECT MON1 7. SELECT EF_F 8. SELECT EXECUTE GMT _____:_____:_____ (DAY:HR:MIN)	
203-086	KCTE	SSFE	RECORD BAD STATUS	
203-087	KCTE TLM	TLM RLT	RLT MAGIC WINDOW:JEMRMS VID SELECT VERIFY JEMRMS VIDEO SELECTCVIUB (2)	
203-088	KCTE TLM	TLM RLT	RLT JEMRMS VIDEO CONNECT: SCU STATUS VERIFY VIDEO CNTL STATUS - ENABLE (1) VIDEO STATUS A - CVIUB (2) VIDEO STATUS B - CVIUA (1) SCU ID - (1) FUNCTION H/W STATUS A - ENABLE (1) FUNCTION CMD STATUS A - ENABLE (1) INPUT H/W STATUS A - CVIUB (2) INPUT H/W STATUS B - CVIUA (1) OUTPUT H/W STATUS B - CVIUB (2) INPUT CMD STATUS A - CVIUB (2) INPUT CMD STATUS B - CVIUA (1) OUTPUT CMD STATUS B - CVIUB (2)	
203-089	KCTE TLM	TLM MJ1	VERIFY ACCEPTABLE VIDEO WITH NO VISIBLE NOISE OR DISTORTION IS PRESENT AT JEM RMS TVM2 ~OMRSD A3000MC.300-A ~OMRSD A3000MC.300-C	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
203-090	KCTE	TLM	SLT	
	TLM	SLT	JPM:C&T:VIDEO CONNECT	
			‘CT VIDEO CONNECT’	
			CMD: SET SPLIT_SCREEN <EF_F> <NO_SELECT><EF_A><NO_SELECT>	
			1. SELECT RMS MON1 2. SELECT EF_F 3. SELECT RMS MON2L 4. SELECT EF_A 5. SELECT RMS MON2R 6. SELECT NONE 7. SELECT EXECUTE	
			GMT _____:_____:_____ (DAY:HR:MIN)	
203-091	KCTE	TLM	RLT	
	TLM	RLT	MAGIC WINDOW:JEMRMS VID SELECT VERIFY JEMRMS VIDEO SELECT - DON’T CARE (0)	
203-092	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS VIDEO CONNECT: SCU STATUS	
			VERIFY VIDEO CNTL STATUS - ENABLE (1) VIDEO STATUS A - DON’T CARE (0) VIDEO STATUS B - DON’T CARE (0) SCU ID(1) FUNCTION H/W STATUS A - DISABLE(0) FUNCTION CMD STATUS A - DISABLE (0) INPUT H/W STATUS A - DON’T CARE INPUT H/W STATUS B - DON’T CARE (0) OUTPUT H/W STATUS B - DON’T CARE (0) INPUT CMD STATUS A - DON’T CARE(0) INPUT CMD STATUS B - DON’T CARE (0) OUTPUT CMD STATUS B - DON’T CARE (0)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			NOTE PERFORM THE FOLLOWING STEP IF JEM VIDEO CONTROL DISABLE IS AVAILABLE IN PCS	
203-093	KCTE	MS1	PCS C&T:VIDEO:JEM VIDEO OVERVIEW PUI: LACV96IM0739K OPS: JEM_VIDEO_CONTROL_DISABLE DISABLE JEM SPLIT SCREEN FUNCTION FLAG 'JEM VIDEO CONTROL' SELECT – DISABLE VERIFY: STATUS – DISABLE	
				NOT PERFORMED:_____
			NOTE PERFORM THE FOLLOWING STEP IF JEM VIDEO CONTROL DISABLE IS NOT AVAILABLE IN PCS	
203-094	KCTE	SSFE	CES MATE LOAD AND RUN SCRIPT MEIT3_MATE_CMDS INDEX 0X0120 CMD: VDS_JEM JEM VIDEO CONTROL DISABLE PUI: LACV96IM0739K GMT _____:_____:_____ (HR:MIN:SEC)	
				NOT PERFORMED:_____
203-095	KCTE TLM	TLM RLT	RLT JEMRMS VIDEO CONNECT: SCU STATUS VERIFY VIDEO CNTL STATUS:DISABLE(0)	
203-096	KCTE TLM	TLM MJ1	VERIFY RMS TVM2 AND IMAGE IS NOT SPLIT SCREEN ~OMRSD A3000MC.300-D	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			NOTE IF JEM CAMERAS ARE NO LONGER NEEDED DURING MEIT 3 DECABLE PER NASDA TEST TEAM DIRECTION.	
203-097	PTC	KCTE DKQM	PERFORM OPERATION INSTRUCTION – VIDEO SYSTEM DEACTIVATION PER SEQUENCE 45. REPORT COMPLETE START GMT: _____:_____:_____(DAY:HR:MIN) COMPLETE GMT: _____:_____:_____(DAY:HR:MIN)	NV:_____
203-098	KCTE PTC 052	PTC DKQM	JEM VIDEO TEST COMPLETE. GMT: _____:_____:_____ (DAY:HR:MIN)	NV:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
204-000			**NODE2/JEM IAA NON-POWERED FUNCTIONAL TEST**	
			NOTE: NOTIFY PTC THAT IMAGERY WILL BE REQUIRED FOR THIS SEQUENCE.	
204-001	PTC 052	DKQM	RECORD THE FOLLOWING INFORMATION: GMT _____:_____:_____ (DAY:HR:MIN)	NV:_____
204-002	KCTE	SCNT SCT1	STAGE HP8722 RF NETWORK ANALYZER IN PROXIMITY TO NODE2 (J132) AFT ENTRY Z#: _____ DUE: _____	T:_____
			CAUTION THE EMU ANTENNA IS CLASS 3 HARDWARE AND MUST BE TREATED AS FLIGHT HARDWARE. USE GLOVES WHEN HANDLING EMU ANTENNA.	
204-003	KCTE	SCNT SNT1	PLACE EMU ANTENNA INSIDE NODE2 NEAR AFT ENTRY EMU P/N _____ S/N _____	T:_____
204-004	KCTE	SCNT SCT1	POWER ON NETWORK ANALYZER AND ALLOW 30-MINUTE WARM-UP GMT _____:_____:_____ (DAY:HR:MIN)	T:_____
204-005	KCTE	SCNT SCT1	CONNECT SMA CABLE (EME1) TO NETWORK ANALYZER PORT 1	T:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
204-006	KCTE	SCNT SCT1	CONNECT SMA CABLE (EME2) TO NETWORK ANALYZER PORT 2	
				T:_____
204-007	KCTE	SCNT SCT1	REROUTE ENDS OF NETWORK ANALYZER SMA CABLES TO NETWORK ANALYZER AND PERFORM TWO PORT NETWORK ANALYZER CALIBRATION PER MANUFACTURER'S SPECIFICATIONS WITH START FREQUENCY TO 380 (+/-20) MHZ AND STOP FREQUENCY TO 450 (+/-20) MHZ	
				T:_____
204-008	KCTE	SCNT SST1 DKQN	VERIF Y FLIGHT COAX LOOPBACK PLUGS ARE INSTALLED ON THE FOLLOWING NODE 2 CONNECTORS	
			J57 (CAM I/F) P/N 1F46346-1	
				T:_____
				NV:_____
			J79 (APM I/F) P/N 1F46375-1	
				T:_____
				NV:_____
			~OMRSD A6000MC.020 (SIGNAL PRESENT)	
204-009	KCTE TLM	TLM MJ1 NSQ	VERIF Y JPM TERMINATOR INSTALLED AT: J2651A (JEM I/F) P/N_____	
				TJV:_____
204-010	KCTE	SCNT SCT1	CONNECT LOOSE END OF SMA (EME1) CABLE TO P2 OF CABLE N2I/FW1290	
				T:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
204-011	KCTE	SCNT SNT1	ROUTE NETWORK ANALYZER PORT 2 SMA CABLE (EME2)TO INSIDE NODE 2 AFT ENTRY	
				T:_____
204-012	KCTE	SCNT SNT1	CONNECT LOOSE END OF LOW LOSS RF CABLE (EME2)TO EMU ANTENNA	
				T:_____

NOTE:

THE FOLLOWING STEP SATISFIES NODE 2 OMRSD A6000MC.020 (SIGNAL PRESENT) AND PARTIALLY SATISFIES A3000MC.500.

NOTE:

PHOTOGRAPHS ARE TO BE TAKEN SHOWING THE LOCATION OF EACH ANTENNA RELATIVE TO ITS SURROUNDINGS AT THE TIME MEASUREMENTS ARE TAKEN

204-013	KCTE	SCNT SCT1 DKQN	FOR EACH POSITION WITHIN NODE 2 STAGE EMU ANTENNA AND PLOT THE RESPONSE ON THE NETWORK ANALYZER VERIFYING SIGNAL PRESENT.	

AFT PHOTO ID# _____

MID PHOTO ID# _____

FWD PHOTO ID# _____

TL:_____

TNW:_____

~OMRSD A6000MC.020 (SIGNAL PRESENT)
~OMRSD A3000MC.500 (PARTIAL)

204-014	KCTE	SCNT SST1	RELOCATE EMU ANTENNA/LOW LOSS RF CABLE (EME2) TO JEM STBD ENTRY	
				T:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			NOTE:	
			THE FOLLOWING STEP PARTIALLY SATISIFES MEIT 3 OMRSD A3000MC.500(SIGNAL PRESENT)	
204-015	KCTE	SCNT SJT1 DKQN	FOR EACH POSITION WITHIN JEM, STAGE EMU ANTENNA AND PLOT THE RESPONSE ON THE NETWORK ANALYZER VERIFYING SIGNAL PRESENT. STBD PHOTO ID# _____ MID PHOTO ID# _____ PORT PHOTO ID# _____	TL:_____ TNW:_____
			~OMRSD A3000MC.500 (PARTIAL)	
204-016	KCTE	SCNT SCT1	POWER DOWN NETWORK ANALYZER	T:_____
204-017	KCTE	SCNT SCT1	DISCONNECT SMA CABLE (EME1) FROM P2 OF CABLE N2I/FW1290	T:_____
204-018	KCTE	SJT1	DISCONNECT LOW LOSS RF CABLE (EME2)FROM EMU ANTENNA	T:_____
204-019	KCTE	SST1	PLACE IN PROTECTIVE BAGGING AND RETURN TO MEIT EQUIPMENT STORAGE AREA	T:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
204-020	KCTE	SCNT SCT1	DISCONNECT SMA CABLES (EME1 AND EME2) FROM NETWORK ANALYZER PORTS 1 AND 2	T:_____
204-021	KCTE PTC 052	PTC DKQM	NODE2/JEM IAA NON-POWERED FUNCTIONAL TEST COMPLETE. GMT: _____:_____:_____ (DAY:HR:MIN)	NV:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
205-000			**MEDIUM RATE DATA LINK (MRDL) TEST**	
205-001	PTC 052	DKQM	RECORD THE FOLLOWING INFORMATION: GMT _____:_____:_____ (DAY:HR:MIN)	
				NV:_____
205-002	KCTE TLM	TLM MJ1 NSQ DKQM	JEM PM ISPR A4 UIP CONNECT ETHERNET PATCH CABLE P/N 82K05725-4 P1 TO ISPR A4 UIP J47.	
				OK TO CONNECT TJW:_____
				CONNECT OK TJW:_____
			UPDATE ECDL LINE ITEM # _____	
				TLNV:_____
205-003	KCTE	SJT1	JEM PM ISPR A4 UIP CONNECT UIP ETHERNET PATCH CABLE P/N 82K05725-4 P2 TO BREAKOUT-BOX 82K05726-1 J4. BOB SERIAL NO:_____	
				T:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
205-004	KCTE	SSFE	JEM PM	
		SJT1	ISPR A4 UIP	
			CONNECT ETHERNET PATCH CABLE TO BREAKOUT BOX 82K05726-1 J24.	
				T:_____
205-005	KCTE	SSFE	JEM PM	
		SJT1	ISPR A4 UIP	
			CONNECT OTHER END OF ETHERNET PATCH CABLE TO JEM-PM GSE ETHERNET ANALYZER RJ45 PORT.	
				T:_____
205-006	PTC	KCTE	VERIFY READY TO PROCEED WITH MRDL DEMONSTRATION TEST	
		TLM	MHI TASK LEADER	
		SCNT	CAPPS C&T STATION ENGINEER	
		SSFE	CAPPS FLT EMULATOR ENGINEER	
		SET1	CAPPS FLT EMULATOR TECH	
		SJT1	CAPPS JEM TECH	
		MS1	PCS OPERATOR	
205-007	PTC	KCTE	PROCEED WITH MRDL TEST.	
			GMT _____:_____:_____ (DAY:HR:MIN)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

205-008 KCTE TIE REPORT ORU AND SYSTEM STATE:

MDM	EXPECTED STATE	ACTUAL STATE
C&C	ACTIVE	
PL-1	ACTIVE	
PCS	ACTIVE	

RECORD STATION MODE:_____

205-009 KCTE TLM REPORT ORU AND SYSTEM STATE:

MDM	EXPECTED STATE	ACTUAL STATE
JCP-A	COLD STBY	
JCP-B	ACTIVE	
SLT	CONNECTED & ACTIVE	
PDH-A	OFF	
PDH-B	OFF	
HRMS	OFF	

RECORD JEM MODE:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

NOTE

PERFORM THE FOLLOWING STEP TO CONFIGURE FOR SYSTEMS TEST IF REQUIRED.

205-010 TIE DKQM

SEQUENCE TITLE	PROCEDURE	SEQUENCE #	START GMT	STOP GMT

NV:_____

NOT PERFORMED:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

205-011 KCTE SET1 USL EMULATOR
CDH04 (PAYLOAD MDM RACK)
PANEL A1/A2 (HRDL PATCHFIELD)

INSTALL FIBER OPTIC ST PATCH CORDS PER TABLE BELOW.

FROM	TO	REMARKS	T
A2 J16F	A2 J7F	PEHG-2 OUT TO HCOR 1 IN	
A1 J9F	A2 J8F	PEHG-JEM OUT TO HCOR 2 IN	

205-012 KCTE SCNT CONFIGURE PAYLOAD DATA ANALYZER (PDA) AND FRONT END PROCESSOR (FEP) PER OMI R2530:

CONFIG FILE: MEIT3_MRDL

HRFM CHANNELS: 1-2

APID: 1300

GMT _____:_____:_____ (DAY:HR:MIN)

NV:_____

NOTE

PERFORM THE FOLLOWING 2 STEPS AT THE DIRECTION OF KCTE TO ATTAIN THE PROPER MRDL TEST SUPPORT CONFIGURATION

205-013 KCTE DKQM PERFORM OMI R0031V1 SEQ 42 OPERATION SUPPORT SETUP: HCOR EDU ACTIVATION.

START GMT: _____:_____:_____(DAY:HR:MIN)

COMPLETE GMT: _____:_____:_____(DAY:HR:MIN)

NV:_____

NOT PERFORMED:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
205-014	KCTE	DKQM	PERFORM OMI R0031V1 SEQ 38 OPERATION SUPPORT SETUP: HRFM DVTM ACTIVATION. START GMT: _____:_____:_____(DAY:HR:MIN) COMPLETE GMT: _____:_____:_____(DAY:HR:MIN)	
				NV:_____
				NOT PERFORMED:_____
			PEHG-2 ACTIVATION TO IDLE STATE	
205-015	KCTE	SSFE	USL EMULATOR CDH04 PEHG 2 FEU POWER SWITCH - ON GMT _____:_____:_____ (DAY:HR:MIN)	
				T:_____
205-016	KCTE	MS1	PCS HOME:CDH:PL PRIMARY:LB PL3:RT STATUS 'RT STATUS' 1. CMD: 26 PEHG 2 ENABLE OPS: PRIM_PL_ENA_RT_TMPLT PUI: LADD96IM0732K EXECUTE GMT _____:_____:_____ (DAY:HR:MIN) 2. VERIFY: STATUS LINE: COMMAND ACCEPTED 26 PEHG RT STATUS: ENA 'RT FDIR STATUS'	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			3. CMD: 26 PEHG 2 INHIBIT OPS: PRIM_PL_INH_RT_FDIR_TMPLT PUI: LADD96IM0726K EXECUTE GMT _____:_____:_____ (HR:MIN:SEC) VERIFY: STATUS LINE: COMMAND ACCEPTED 26 PEHG RT FDIR STATUS: INH	
205-017	KCTE	MS1	PCS HOME:CDH:PL PRIMARY: LB PL3:PEHG 2:PEHG_2_GATEWAY_FUNCTIONS VERIFY: GATEWAY ACTIVE: INHIBITED PUI: LADZ02FC0022J ENG: PEHG 2 GATEWAY ACTIVE STATUS BIT	
205-018	KCTE	MS1	PCS HOME:CDH:PL PRIMARY: LB PL3:PEHG 2:PEHG_2_PORT CONFIGURATION VERIFY: ALL PORT STATUS: INHIBITED	
			PEHG-JEM ACTIVATION TO IDLE STATE **NOTE** PERFORM THE NEXT STEP IF PDH–A ACTIVATION IS REQUIRED AND PDB_DMS_1 IS NOT POWERED. FINAL JCP A CONFIGURATION AT THE END OF THE FOLLOWING STEP SHOULD BE COLD STANDBY.	
205-019	KCTE	KCDH DKQM	PERFORM OMI R2009 SEQ 19 JCP A STANDBY ACTIVATION START GMT: _____:_____:_____(DAY:HR:MIN) COMPLETE GMT: _____:_____:_____(DAY:HR:MIN)	

NV:_____

NOT PERFORMED:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			NOTE PERFORM THE FOLLOWING STEP IF PDH-A IS NOT ALREADY POWERED	
205-020	KCTE	KCDH DKQM	PERFORM OMI R0031V1 SEQ 34 OPERATION SUPPORT SETUP: JEM PDH ACTIVATION. STEP NUMBERS:_____ PDH: A CCT: TBLIMAX.DAT START GMT: _____:_____:_____(DAY:HR:MIN) COMPLETE GMT: _____:_____:_____(DAY:HR:MIN)	
				NV:_____
				NOT PERFORMED:_____
205-021	KCTE TLM	TLM SLT	SLT JPM: EPS: MAIN: PDB DMS1: RPC 8 'JPM EPS DMS1 PDB A RPC8 CMD' CMD: RPC CLOSE EXECUTE GMT _____:_____:_____ (HR:MIN:SEC) ENG: POWER_ON PDB_DMS1_RPC8 OPS: JPM_EPS_PDB_A_DMS1_RPC08_(PEHG_A)_CL PUI: JSPX96IM0521K	
205-022	KCTE TLM	TLM SLT	SLT JPM: EPS: MAIN: PDB DMS1 'JPM EPS DMS1 PDB A' VERIFY: RPC8 – CLOSED (TO PEHG-JEM) ENG: PDB_DMS1 RPC8 POWER STATUS PUI: JSDC00FCP50JJ	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
205-023	KCTE	TLM	SLT	
	TLM	SLT	JPM: C&DH: P/L BUS: BUS3: PEHG: TEMPERATURE STAT 'JPM CDH PEHG TEMP HI CW' CMD: INHIBIT EXECUTE GMT _____:_____:_____ (HR:MIN:SEC) ENG: ENABLE EVENT OPS: JPM_CDH_ACTIVE_JCP_EVENT_DET_ENA_TMPLT PUI: JSDD96IM0227K PARAMETER: 121 (PEHG TEMPERATURE HIGH) VERIFY: EVENT DETECTION -- INHIBIT ENG: EVENT INHIBIT FLAG(PEHG TEMPERATURE HIGH) PUI: JSDC00SWZ39EJ	
205-024	KCTE	TLM	SLT	
	TLM	SLT	JPM: C&DH: P/L BUS: BUS 3: PEHG 'JPM CDH PEHG STAT' VERIFY: 1. PDH/PEHG COMM STAT –- GOOD ENG: PL_BUS_3 PEHG COMM ERROR PUI: JSDC00SWKZ00J 2. TEMPERATURE STAT – NORMAL ENG: PEHG TEMPERATURE LEVEL STATUS-R PUI: JSDC00FCKZ06J	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
205-025		KCTE	TCMS CT-PEHG VERIFY: 1. PEHG-JEM GATEWAY – INHIBITED 2. ALL PEHG-JEM PORT STATUS –- INHIBITED **PORT CONFIGURATIONS FOR PEHG-2 AND PEHG-JEM**	
205-026	KCTE	MS1	PCS HOME:CDH:PL PRIMARY: LBPL3:PEHG2:PEHG_2_PORT CONFIGURATION '(RIGHT GRID)' ENTER PENDING VALUES IN GUI FIELDS:	

PORT 1	ENA
PORT 2	INH
PORT 3	INH
PORT 4	INH
PORT 5	INH
PORT 6	INH
PORT 7	INH
PORT 8	INH
PORT 9	INH
PORT 10	INH
PORT 11	INH
PORT 12	INH
PORT 13	INH
PORT 14	INH
PORT 15	INH
PORT 16	INH
PORT 17	ENA
PORT 18	INH
PORT 19	INH
PORT 20	INH
AUI PORT	INH

CMD:
PEHG_2_ENA_INH_PORT
EXECUTE

GMT _____:_____:_____ (HR:MIN:SEC)

OPS: CORE_PEHG2_ENA_INH_PORT_TMPLT
PUI: PLDD95SM0001K

VERIFY:
STATUS LINE: COMMAND ACCEPTED

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
205-027	KCTE	MS1	PCS HOME:CDH:PL PRIMARY: LBPL3:PEHG2:PEHG_2_PORT CONFIGURATION '(LEFT GRID)' VERIFY: PEHG-2 PORT 1 - ENABLED PEHG-2 PORT 17 - ENABLED PEHG-2 ALL OTHER ETHERNET PORTS – INHIBITED	
205-028	KCTE	SSFE	CES MATE LOAD AND RUN MATE SCRIPT MEIT3_MATE_CMDS INDEX: 0X004C (ENABLE PEHG-JEM PORTS 3 AND 20, INHIBIT REMAINDER) ENG: JPM_CDH_PEHG_A_PORT_ENA/DIS_TMPLT PUI: JSDD96IM0179K PARAMETER: PORT 20 ENABLE/DISABLE: 1 (ENABLE) PARAMETER: PORT 19 ENABLE/DISABLE: 0 (DISABLE) PARAMETER: PORT 18 ENABLE/DISABLE: 0 (DISABLE) PARAMETER: PORT 17 ENABLE/DISABLE: 0 (DISABLE) PARAMETER: PORT 16 ENABLE/DISABLE: 0 (DISABLE) PARAMETER: PORT 15 ENABLE/DISABLE: 0 (DISABLE) PARAMETER: PORT 14 ENABLE/DISABLE: 0 (DISABLE) PARAMETER: PORT 13 ENABLE/DISABLE: 0 (DISABLE) PARAMETER: PORT 12 ENABLE/DISABLE: 0 (DISABLE) PARAMETER: PORT 11 ENABLE/DISABLE: 0 (DISABLE) PARAMETER: PORT 10 ENABLE/DISABLE: 0 (DISABLE) PARAMETER: PORT 9 ENABLE/DISABLE: 0 (DISABLE) PARAMETER: PORT 8 ENABLE/DISABLE: 0 (DISABLE) PARAMETER: PORT 7 ENABLE/DISABLE: 0 (DISABLE) PARAMETER: PORT 6 ENABLE/DISABLE: 0 (DISABLE) PARAMETER: PORT 5 ENABLE/DISABLE: 0 (DISABLE) PARAMETER: PORT 4 ENABLE/DISABLE: 0 (DISABLE) PARAMETER: PORT 3 ENABLE/DISABLE: 1 (ENABLE) PARAMETER: PORT 2 ENABLE/DISABLE: 0 (DISABLE) PARAMETER: PORT 1 ENABLE/DISABLE: 0 (DISABLE) PARAMETER: AUI PORT ENABLE/DISABLE: 0 (DISABLE) GMT _____:_____:_____ (HR:MIN:SEC)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
205-029	KCTE		TCMS CT-PEHG VERIFY: PEHG-JEM PORT 3 – ENABLED PEHG-JEM PORT 20 – ENABLED PEHG-JEM ALL OTHER ETHERNET PORTS – INHIBITED **PEHG-2 TO PEHG-JEM MEDIUM RATE FORWARD LINK CHECKOUT** **NOTE** THE FOLLOWING SERIES OF STEPS WILL FLOW MR DATA FROM THE USL EMULATOR ETHERNET ANALYZER INTO PEHG-2 PORT 1, OUT PEHG-2 PORT 17, THROUGH THE MRDL FORWARD LINK (USL TO JEM) ETHERNET, INTO PEHG-JEM PORT 20, OUT THE PEHG-JEM TAXI GATEWAY, THROUGH THE HCOR AND HRFM, TO THE C&T LAB PDA/FEP. MRDL DATA CONTENT WILL BE MONITORED AT THE OUTPUT OF PEHG-JEM PORT 3. **NOTE** THE FOLLOWING SERIES OF STEPS WILL PARTIALLY SATISFY OMRSD A3000MC.600-B (MRDL USOS TO JEM) AND OMRSD A3000MC.600-A (HRDL PEHG-JEM TO USOS).	
205-030		KCTE	TCMS CT-PEHG VERIFY: NO PEHG-2 PORT COUNTERS INCREMENTING NO PEHG-JEM PORT COUNTERS INCREMENTING	
205-031	KCTE	SSFE	JEM PM GSE ETHERNET ANALYZER ACTIVATE DATA CAPTURE	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
205-032	KCTE	SSFE	USL EMULATOR GSE ETHERNET ANALYZER 'MAIN MENU' SELECT 'FILES' SELECT 'LOAD' SELECT 'DATA' SELECT FILENAME: MEIT3USL.ENC PRESS 'ENTER' SELECT 'TRAFFIC GENERATOR' SELECT ‘BUFFER MODE’ SELECT ‘CONTINUOUS’ SELECT ‘TRAFFIC GENERATOR’ AT CONFIRMATION WINDOW PRESS 'ENTER' VERIFY PACKET COUNTER IS INCREMENTING	
				TL:_____
205-033		KCTE	TCMS CT-PEHG VERIFY: PEHG-2 PORT 1 PACKET COUNTER: INCREMENTING PEHG-2 PORT 17 PACKET COUNTER: STATIC PEHG-JEM PORT 20 PACKET COUNTER: INCREMENTING PEHG-JEM PORT 3 PACKET COUNTER: STATIC	
205-034	KCTE	SCNT	C&T STATION START HDGR RECORDING TAPE NO:_____ TAPE IDR:_____ GMT _____:_____:_____ (DAY:HR:MIN)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
205-035	KCTE	SSFE	CES MATE	
			LOAD AND RUN MATE SCRIPT MEIT3_MATE_CMDS INDEX: 0X004D	
			ENG: JPM_CDH_PEHG_A_GATEWAY_CONFIG_SET_TMPLT PUI: JSDD96IM0180K	
			PARAMETER: PEHG CMD ID: 2 (PEHG GATEWAY COMMANDS) PARAMETER: FLOW CONTROL INTERVAL: 1 (MESSAGE INTERVAL) PARAMETER: FLOW CONTROL BROADCAST: 0 (INHIBIT) PARAMETER: BUFFER FULL BROADCAST: 0 (INHIBIT) PARAMETER: GATEWAY ACTIVATION: 1 (ENABLE) PARAMETER: GATEWAY ADDRESS LOW ORDER WORD: 6000 (HEX) PARAMETER: GATEWAY ADDRESS MIDDLE WORD: 0XBE80 (HEX) PARAMETER: GATEWAY ADDRESS HIGH ORDER WORD: 0040 (HEX) PARAMETER: GATEWAY OUTPUT DATA RATE : 10	
			(SET FOLLOWING PEHG-JEM GATEWAY PARAMETERS: BUFFER FULL BROADCAST – INHIBIT FLOW CONTROL BROADCAST – INHIBIT FLOW CONTROL INTERVAL – 0 GATEWAY OUTPUT RATE – 10 MBPS GATEWAY UPPER ADDRESS – 0X0040 GATEWAY MIDDLE ADDRESS – 0XBE80 GATEWAY LOWER ADDDRESS – 0X6000 GATEWAY - ENABLE)	
			GMT _____:_____:_____ (HR:MIN:SEC)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
205-036	KCTE		TCMS CT-PEHG VERIFY: 1. PEHG-JEM BUFFER FULL BROADCAST – INH ENG: BUFFER FULL BROADCAST PUI: JSDC00FCKZ2LJ 2. PEHG-JEM FLOW CONTROL BROADCAST – INH ENG: FULL CONTROL BROADCAST PUI: JSDC00FCKZ2MJ 3. PEHG-JEM FLOW CONTROL INTERVAL – 0 ENG: FULL CONTROL BROADCAST INTERVAL PUI: JSDC00FCKZ2NU 4. PEHG-JEM GATEWAY ENABLE – ENA ENG: GATEWAY ACTIVE PUI: JSDC00FCKZ2KJ	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

205-037 KCTE MS1

PCS
HOME: C&T: COR: HCOR OVERVIEW: PASS THRU

'CONFIGURE PASS THRU'

ENTER REQUIRED PENDING CHANNEL CONFIGURATION VALUES IN GUI FIELDS:

CHANNEL	PASS THRU
1	DISABLE
2	ENABLE
3	DISABLE
4	DISABLE
5	DISABLE
6	DISABLE
7	DISABLE
8	DISABLE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

STATUS LINE: COMMAND ACCEPTED

'PASS THRU ENABLED'
VALUES MATCH TABLE BELOW:

CHANNEL	PASS THRU
1	(BLANK)
2	✓
3	(BLANK)
4	(BLANK)
5	(BLANK)
6	(BLANK)
7	(BLANK)
8	(BLANK)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
205-038	KCTE	SCNT	C&T STATION PDA/FEP MONITOR DATA FOR A DURATION OF 5 MINUTES RECORD: RECEIVED APID:_____ TOTAL PACKETS RECEIVED:_____ RECEIVED ERROR TYPE/COUNT:_____	
205-039	KCTE	SCNT	C&T STATION PDA/FEP VERIFY: NO DROPPED PACKETS NO HEADER ERRORS ~OMRSD A3000MC.600-B (PARTIAL MRDL USOS TO JEM) ~OMRSD A3000MC.600-A (PARTIAL HRDL PEHG-JEM TO USOS)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

205-040 KCTE MS1

PCS
HOME: C&T: COR: HCOR OVERVIEW: PASS THRU

'CONFIGURE PASS THRU'

ENTER REQUIRED PENDING CHANNEL CONFIGURATION
VALUES IN GUI FIELDS:

CHANNEL	PASS THRU
1	DISABLE
2	DISABLE
3	DISABLE
4	DISABLE
5	DISABLE
6	DISABLE
7	DISABLE
8	DISABLE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

STATUS LINE: COMMAND ACCEPTED

'PASS THRU ENABLED'
VALUES MATCH TABLE BELOW:

CHANNEL	PASS THRU
1	(BLANK)
2	(BLANK)
3	(BLANK)
4	(BLANK)
5	(BLANK)
6	(BLANK)
7	(BLANK)
8	(BLANK)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
205-041	KCTE	SSFE	CES MATE LOAD AND RUN MATE SCRIPT MEIT3_MATE_CMDS INDEX: 0X004E (PEHG-JEM GATEWAY INHIBIT) ENG: JPM_CDH_PEHG_A_GATEWAY_CONFIG_SET_TMPLT PUI: JSDD96IM0180K PARAMETER: PEHG CMD ID: 2 (PEHG GATEWAY COMMANDS) PARAMETER: FLOW CONTROL INTERVAL: 1 (MESSAGE INTERVAL) PARAMETER: FLOW CONTROL BROADCAST: 0 (INHIBIT) PARAMETER: BUFFER FULL BROADCAST: 0 (INHIBIT) PARAMETER: GATEWAY ACTIVATION: 0 (INHIBIT) PARAMETER: GATEWAY ADDRESS LOW ORDER WORD: 6000 (HEX) PARAMETER: GATEWAY ADDRESS MIDDLE WORD: 0XBE80 (HEX) PARAMETER: GATEWAY ADDRESS HIGH ORDER WORD: 0040 (HEX) PARAMETER: GATEWAY OUTPUT DATA RATE : 10 GMT _____:_____:_____ (HR:MIN:SEC)	
205-042	KCTE		TCMS CT-PEHG VERIFY: PEHG-JEM GATEWAY STATUS - INH ENG: GATEWAY ACTIVE PUI: JSDC00FCKZ2KJ	
205-043	KCTE	SSFE	USL EMULATOR GSE ETHERNET ANALYZER PRESS 'ENTER' VERIFY 'MAIN MENU' IS DISPLAYED (STOP TRANSMIT)	
205-044	KCTE	SSFE	JEM PM GSE ETHERNET ANALYZER STOP ETHERNET DATA CAPTURE COPY CAPTURED DATA FILE TO FLOPPY DISK	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
205-045		KCTE	TCMS CT-PEHG VERIFY: NO PEHG PORT COUNTERS INCREMENTING RECORD: 'PEHG-2 MRDL' PORT 1 PACKET COUNTER:_____ BD PORT 17 PACKET COUNTER:_____ BD 'PEHG-JEM MRDL' PORT 3 PACKET COUNTER:_____ BD PORT 20 PACKET COUNTER:_____ BD 'PEHG-2 HRDL GATEWAY' PACKETS RECEIVED:_____ BD NO. COLLISIONS:_____ BD NO. DISCARDED PACKETS:_____ BD 'PEHG-JEM HRDL GATEWAY' PACKETS RECEIVED:_____ BD NO. COLLISIONS:_____ BD NO. DISCARDED PACKETS:_____ BD	
205-046	KCTE	ALL	PEHG-2 TO PEHG-JEM MEDIUM RATE FORWARD LINK VERIFICATION COMPLETE	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			PEHG-JEM TO PEHG-2 MEDIUM RATE RETURN LINK CHECKOUT	
			NOTE THE FOLLOWING SERIES OF STEPS WILL FLOW MR DATA FROM THE JEM PM ETHERNET ANALYZER INTO THE ISPR A4 UIP, TO PEHG-JEM PORT 3, OUT PEHG-JEM PORT 20, THROUGH THE MRDL RETURN LINK (JEM TO USL) ETHERNET, INTO PEHG-2 PORT 17, OUT THE PEHG-2 TAXI GATEWAY, THROUGH THE HCOR AND HRFM, TO THE C&T LAB PDA. MRDL DATA CONTENT WILL BE MONITORED AT THE OUTPUT OF PEHG-2 PORT 1.	
			NOTE THE FOLLOWING SERIES OF STEPS WILL PARTIALLY SATISFY OMRSD A3000MC.600-B (MRDL JEM TO USOS).	
205-047	KCTE	SCNT	CONFIGURE PAYLOAD DATA ANALYZER (PDA) AND FRONT END PROCESSOR (FEP) PER OMI R2530: CONFIG FILE: MEIT3_MRDL HRFM CHANNELS: 1-2 APID: 1400 GMT _____:_____:_____ (DAY:HR:MIN)	
				NV:_____
205-048	KCTE	SSFE	USL EMULATOR GSE ETHERNET ANALYZER ACTIVATE DATA CAPTURE	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
205-049		KCTE	TCMS CT-PEHG VERIFY: NO PEHG PORT COUNTERS INCREMENTING RECORD: 'PEHG-2 MRDL' PORT 1 PACKET COUNTER:_____ BD PORT 17 PACKET COUNTER:_____ BD 'PEHG-JEM MRDL' PORT 3 PACKET COUNTER:_____ BD PORT 20 PACKET COUNTER:_____ BD 'PEHG-2 HRDL GATEWAY' PACKETS RECEIVED:_____ BD NO. COLLISIONS:_____ BD NO. DISCARDED PACKETS:_____ BD 'PEHG-JEM HRDL GATEWAY' PACKETS RECEIVED:_____ BD NO. COLLISIONS:_____ BD NO. DISCARDED PACKETS:_____ BD	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
205-050	KCTE	SSFE	JEM PM GSE ETHERNET ANALYZER 'MAIN MENU' SELECT 'FILES' SELECT 'LOAD' SELECT 'DATA' SELECT FILENAME: MEIT3JEM.ENC PRESS 'ENTER' SELECT 'TRAFFIC GENERATOR' SELECT ‘BUFFER MODE’ SELECT ‘CONTINUOUS’ SELECT ‘TRAFFIC GENERATOR’ AT CONFIRMATION WINDOW PRESS 'ENTER' VERIFY PACKET COUNTER IS INCREMENTING	
				TL:_____
205-051		KCTE	TCMS CT-PEHG VERIFY: PEHG-2 PORT 1 PACKET COUNTER: STATIC PEHG-2 PORT 17 PACKET COUNTER: INCREMENTING PEHG-JEM PORT 20 PACKET COUNTER: STATIC PEHG-JEM PORT 3 PACKET COUNTER: INCREMENTING	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

205-052 KCTE MS1 PCS
HOME:CDH:PL PRIMARY:
LB PL3:PEHG 2:PEHG_2_GATEWAY_FUNCTIONS

'(RIGHT GRID)'
ENTER PENDING VALUES IN GUI FIELDS:

BUFFER FULL BROADCAST	INH
FLOW CONTROL BROADCAST	INH
FLOW CONTROL INTERVAL	0
GATEWAY OUTPUT RATE	10
GATEWAY ADDRESS HIGH ORDER WORD	0002
GATEWAY ADDRESS MIDDLE WORD	7D01
GATEWAY ADDRESS LOW ORDER WORD	0202

CMD:
ENABLE PEHG-2 GATEWAY
EXECUTE

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:
STATUS LINE: COMMAND ACCEPTED

205-053 KCTE MS1 PCS
HOME:CDH:PL PRIMARY:
LB PL3:PEHG 2:PEHG_2_GATEWAY_FUNCTIONS

'(LEFT GRID)'

VERIFY:

GATEWAY ACTIVE	ENA
BUFFER FULL BROADCAST	INH
FLOW CONTROL BROADCAST	INH
FLOW CONTROL INTERVAL	0

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

205-054 KCTE MS1 PCS
HOME: C&T: COR: HCOR OVERVIEW: PASS THRU

'CONFIGURE PASS THRU'

ENTER REQUIRED PENDING CHANNEL CONFIGURATION
VALUES IN GUI FIELDS:

CHANNEL	PASS THRU
1	ENABLE
2	DISABLE
3	DISABLE
4	DISABLE
5	DISABLE
6	DISABLE
7	DISABLE
8	DISABLE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

STATUS LINE: COMMAND ACCEPTED

'PASS THRU ENABLED'

VALUES MATCH TABLE BELOW:

CHANNEL	PASS THRU
1	✓
2	(BLANK)
3	(BLANK)
4	(BLANK)
5	(BLANK)
6	(BLANK)
7	(BLANK)
8	(BLANK)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
205-055	KCTE	SCNT	C&T STATION PDA/FEP MONITOR DATA FOR A DURATION OF 5 MINUTES RECORD: RECEIVED APID:_____ TOTAL PACKETS RECEIVED:_____ RECEIVED ERROR TYPE/COUNT:_____	
205-056	KCTE	SCNT	C&T STATION PDA/FEP VERIFY: NO DROPPED PACKETS NO HEADER ERRORS ~OMRSD A3000MC.600-B (PARTIAL MRDL USOS TO JEM)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

205-057 KCTE MS1

PCS
HOME: C&T: COR: HCOR OVERVIEW: PASS THRU

'CONFIGURE PASS THRU'

ENTER REQUIRED PENDING CHANNEL CONFIGURATION VALUES IN GUI FIELDS:

CHANNEL	PASS THRU
1	DISABLE
2	DISABLE
3	DISABLE
4	DISABLE
5	DISABLE
6	DISABLE
7	DISABLE
8	DISABLE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

STATUS LINE: COMMAND ACCEPTED

'PASS THRU ENABLED'
VALUES MATCH TABLE BELOW:

CHANNEL	PASS THRU
1	(BLANK)
2	(BLANK)
3	(BLANK)
4	(BLANK)
5	(BLANK)
6	(BLANK)
7	(BLANK)
8	(BLANK)

205-058 KCTE SSFE

JEM PM
GSE ETHERNET ANALYZER

PRESS 'ENTER'
VERIFY 'MAIN MENU' IS DISPLAYED
(STOP TRANSMIT)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
205-059	KCTE	SSFE	USL EMULATOR GSE ETHERNET ANALYZER DEACTIVATE DATA CAPTURE SAVE CAPTURED DATA FILE TO FLOPPY	
205-060		KCTE	TCMS CT-PEHG VERIFY: NO PEHG PORT COUNTERS INCREMENTING RECORD: 'PEHG-2 MRDL' PORT 1 PACKET COUNTER:_____ BD PORT 17 PACKET COUNTER:_____ BD 'PEHG-JEM MRDL' PORT 3 PACKET COUNTER:_____ BD PORT 20 PACKET COUNTER:_____ BD 'PEHG-2 HRDL GATEWAY' PACKETS RECEIVED:_____ BD NO. COLLISIONS:_____ BD NO. DISCARDED PACKETS:_____ BD 'PEHG-JEM HRDL GATEWAY' PACKETS RECEIVED:_____ BD NO. COLLISIONS:_____ BD NO. DISCARDED PACKETS:_____ BD	
205-061	KCTE	ALL	PEHG-JEM TO PEHG-2 MEDIUM RATE RETURN LINK VERIFICATION COMPLETE	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			PEHG-JEM DEACTIVATION	
205-062	KCTE	TLM	VERIFY READY TO PROCEED WITH PEHG-JEM DEACTIVATION	
205-063	KCTE	TLM	SLT	
	TLM	SLT	JPM: C&DH: P/L BUS: BUS3: PEHG	
			'JPM CDH PEHG STAT'	
			VERIFY: 1. PDH/PEHG COMM STAT - GOOD ENG: PL_BUS_3 PEHG COMM ERROR PUI: JSDC00SWKZ00J	
			2. TEMPERATURE STAT – NORMAL ENG: PEHG TEMPERATURE LEVEL STATUS-R PUI: JSDC00FCKZ06J	
205-064	KCTE	TLM	SLT	
	TLM	SLT	JPM: EPS: MAIN: PDB DMS1: RPC 8	
			'JPM EPS DMS1 PDB A RPC8 CMD'	
			CMD: RPC OPEN EXECUTE	
			GMT _____:_____:_____ (HR:MIN:SEC)	
			ENG: POWER_OFF PDB_DMS1_RPC8 OPS: JPM_EPS_PDB_A_DMS1_RPC08_(PEHG_A)_OP PUI: JSPX96IM0525K	
205-065	KCTE	TLM	SLT	
	TLM	SLT	JPM: EPS: MAIN: PDB DMS1	
			'JPM EPS DMS1 PDB A'	
			VERIFY: RPC8 – OPEN (TO PEHG-JEM) ENG: PDB_DMS1 RPC8 POWER STATUS PUI: JSDC00FCP50JJ	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			NOTE PERFORM THE FOLLOWING STEP IF PDH-A SUPPORT IS NO LONGER REQUIRED	
205-066	PTC	KCDH DKQM	PERFORM OMI R0031V1 SEQ 35 OPERATION SUPPORT SETUP: JEM PDH DEACTIVATION. PDH: A START GMT: _____:_____:_____(DAY:HR:MIN) COMPLETE GMT: _____:_____:_____(DAY:HR:MIN)	NV:_____ NOT PERFORMED:_____
205-067	KCTE	ALL	PEHG-JEM DEACTIVATION COMPLETE	
			PEHG-2 DEACTIVATION	
205-068	KCTE	MS1	USL PCS HOME:CDH:PL PRIMARY:LB PL3:RT STATUS 'RT STATUS' CMD: 26 PEHG 2 INHIBIT OPS: PRIM_PL_INH_RT_TMPLT PUI: LADD96IM0733K EXECUTE GMT _____:_____:_____ (HR:MIN:SEC) VERIFY: STATUS LINE: COMMAND ACCEPTED 26 PEHG RT STATUS: INH	
205-069	KCTE	SSFE SET1	USL EMULATOR CDH04 PEHG FEU POWER SWITCH - OFF GMT _____:_____:_____ (HR:MIN:SEC)	T:_____
205-070	KCTE	ALL	USL PEHG-2 DEACTIVATION COMPLETE	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
205-071	KCTE	SCNT	C&T STATION	
			STOP HDGR RECORDING	
			TAPE NO:_____	
			TAPE IDR:_____	
			GMT _____:_____:_____ (DAY:HR:MIN)	
			GSE DECONFIGURATION	
205-072	KCTE	TLM	JEM PM	
	TLM	MJ1	ISPR A4 UIP	
		NSQ		
		DKQM		
			DISCONNECT UIP ETHERNET PATCH CABLE P/N 82K05725-4 P1 FROM ISPR A4 UIP J-47L.	
			OK TO DISCONNECT	TJW:_____
			DISCONNECT OK	TJW:_____
			UPDATE ECDL LINE ITEM # _____	
				TLNV:_____
205-073	KCTE	SJT1	JEM PM ISPR A4 UIP	
			DISCONNECT UIP ETHERNET PATCH CABLE P/N 82K05725-4 P2 FROM BREAKOUT-BOX 82K05726-1 J4.	
				T:_____
205-074	KCTE	SJT1	JEM PM ISPR A4 UIP	
			DISCONNECT ETHERNET PATCH CABLE FROM BREAKOUT BOX 82K05726-1 J24.	
				T:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
205-075	KCTE	SJT1	JEM PM ISPR A4 UIP DISCONNECT ETHERNET PATCH CABLE FROM JEM-PM GSE ETHERNET ANALYZER RJ45 PORT.	T:_____
205-076	KCTE	SJT1	JEM PM ISPR A4 UIP REMOVE ANALYZER GSE AND CABLING FROM JEM MODULE.	T:_____
205-077	KCTE	SET1	USL EMULATOR CDH04 (PAYLOAD MDM RACK) PANEL A1/A2 (HRDL PATCHFIELD) REMOVE FIBER OPTIC ST PATCH CORDS PER TABLE BELOW.	

FROM	TO	REMARKS	T
A2 J16F	A2 J7F	PEHG-2 OUT TO HCOR 1 IN	
A1 J9F	A2 J8F	PEHG-JEM OUT TO HCOR 2 IN	

NOTE

PERFORM THE FOLLOWING 2 STEPS AT THE DIRECTION OF KCTE IF HIGH RATE DATA SUPPORT IS NO LONGER REQUIRED.

205-078	PTC	KCTE DKQM	PERFORM OMI R0031V1 SEQ 39 OPERATION SUPPORT SETUP: HRFM DVTM DEACTIVATION. START GMT: _____:_____:_____(DAY:HR:MIN) COMPLETE GMT: _____:_____:_____(DAY:HR:MIN)	NV:_____

NOT PERFORMED:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
205-079	PTC	KCTE DKQM	PERFORM OMI R0031V1 SEQ 43 OPERATION SUPPORT SETUP: HCOR EDU DEACTIVATION. START GMT: _____:_____:_____(DAY:HR:MIN) COMPLETE GMT: _____:_____:_____(DAY:HR:MIN)	NV:_____ NOT PERFORMED:_____
205-080	PTC	DKQM	MRDL TEST COMPLETE. GMT _____:_____:_____ (DAY:HR:MIN)	NV:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
206-000			**HIGH-RATE DATA LINK (HRDL) ISPR FORWARD/RETURN LINK LOOPBACK, HRMS RETURN LINK, AND ICS FORWARD/RETURN LINK CONTINUITY DEMONSTRATION TEST OBJECTIVES**	
206-001	PTC	DKQM	RECORD THE FOLLOWING INFORMATION: GMT _____:_____:_____ (DAY:HR:MIN)	
				NV:_____
206-002	PTC	KCTE	VERIFY READY TO PROCEED WITH TEST	
		TLM	MHI TASK LEADER	
		SCNT	CAPPS C&T STATION ENGINEER	
		SSFE	CAPPS FLT EMULATOR ENGINEER	
		SET1	CAPPS FLT EMULATOR TECH	
		SJT1	CAPPS JEM TECH	
206-003	PTC	KCTE	PROCEED WITH TEST. GMT _____:_____:_____ (DAY:HR:MIN)	
206-004	KCTE	TIE	REPORT ORU AND SYSTEM STATE:	

MDM	EXPECTED STATE	ACTUAL STATE
C&C	ACTIVE	
PL-1	ACTIVE	
PCS	ACTIVE	

RECORD STATION MODE:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
206-005	KCTE	TLM	REPORT ORU AND SYSTEM STATE:	

MDM	EXPECTED STATE	ACTUAL STATE
JCP-A	COLD STANDBY	
JCP-B	ACTIVE	
SLT	CONNECTED & ACTIVE	
PDH-A	OFF	
PDH-B	OFF	
HRMS	OFF	
DIU A3	VDO/VLV POWER ON	

RECORD JEM MODE:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

NOTE

PERFORM THE FOLLOWING STEP TO CONFIGURE FOR SYSTEMS TEST IF REQUIRED.

206-006 TIE DKQM

SEQUENCE TITLE	PROCEDURE	SEQUENCE #	START GMT	STOP GMT

NV:_____

NOT PERFORMED:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			NOTE PERFORM THE FOLLOWING 2 STEPS AT THE DIRECTION OF KCTE TO ATTAIN THE PROPER TEST SUPPORT CONFIGURATION	
206-007	PTC	KCTE DKQM	PERFORM OMI R0031V1 SEQ 42 OPERATION SUPPORT SETUP: HCOR EDU ACTIVATION. START GMT: _____:_____:_____(DAY:HR:MIN) COMPLETE GMT: _____:_____:_____(DAY:HR:MIN)	NV:_____ NOT PERFORMED:_____
206-008	PTC	KCTE DKQM	PERFORM OMI R0031V1 SEQ 38 OPERATION SUPPORT SETUP: HRFM DVTM ACTIVATION. START GMT: _____:_____:_____(DAY:HR:MIN) COMPLETE GMT: _____:_____:_____(DAY:HR:MIN)	NV:_____ NOT PERFORMED:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
206-009	KCTE	SCNT	CONFIGURE PAYLOAD DATA GENERATOR (PDG) PER OMI R2530: CONFIG FILE: MEIT3_HRDL_1 OUTPUT CHANNEL: 1 OUTPUT RATE: 5 MPBS APID: 1200 GMT _____:_____:_____ (DAY:HR:MIN)	NV:_____
206-010	KCTE	SCNT	CONFIGURE PAYLOAD DATA ANALYZER (PDA) AND FRONT END PROCESSOR (FEP) PER OMI R2530: CONFIG FILE: MEIT3_HRDL_1 HRFM CHANNELS: 1-8 APID: 1200 GMT _____:_____:_____ (DAY:HR:MIN)	NV:_____
206-011	KCTE	SET1	US LAB EMULATOR CDH04 (PAYLOAD MDM RACK) PANEL A1/A2 (HRDL PATCHFIELD) CONNECT FIBER OPTIC ST PATCH CORDS PER TABLE BELOW:	

FROM	TO	REMARKS	T
A1 J2F	A2 J7F	JEM ISPR-F1 OUT TO HCOR IN 1	
A1 J3F	A2 J8F	JEM ISPR-F2 OUT TO HCOR IN 2	
A1 J5F	A2 J9F	JEM ISPR-F5 OUT TO HCOR IN 3	
A1 J6F	A2 J10F	JEM ISPR-F6 OUT TO HCOR IN 4	
A1 J17F	A2 J11F	JEM ISPR-A1 OUT TO HCOR IN 5	
A1 J18F	A2 J12F	JEM ISPR-A2 OUT TO HCOR IN 6	
A1 J19F	A2 J13F	JEM ISPR-A3 OUT TO HCOR IN 7	
A1 J20F	A2 J14F	JEM ISPR-A4 OUT TO HCOR IN 8	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

206-012 KCTE SJT1 CONFIGURE LOOPBACK CONNECTION ON ISPR SCAR CABLE AND ST BARREL PER FOLLOWING TABLE:

FROM	TO	REMARKS	T
82K05692-2 P2	BARREL	TX TO APS	
82K05692-2 P3	BARREL	RX FROM APS	

NOTE

THE FOLLOWING SERIES OF STEPS WILL PARTIALLY SATISFY OMRSD A3000MC.600-A (HRDL USOS DIRECT TO JEM ISPR AND JEM ISPR DIRECT TO USOS).

ISPR F1 LOOPBACK VERIFICATION

206-013 KCTE TLM JEM PM
TLM MJ1 ISPR F1 UIP
NSQ CONNECT SCAR CABLE 82K05692-2 P1 TO UIP J7
DKQM

OK TO CONNECT TJW:_____

CONNECT OK TJW:_____

UPDATE ECDL LINE ITEM # _____

TLNV:_____

206-014 KCTE SET1 US LAB EMULATOR
CDH04 (PAYLOAD MDM RACK)
PANEL A1/A2 (HRDL PATCHFIELD)

CONNECT FIBER OPTIC ST PATCH CORDS PER TABLE BELOW:

FROM	TO	REMARKS	T
A2 J17F	A1 J11F	PDG FWD 1 TO JEM ISPR-F1 IN	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
206-015	KCTE	SCNT	C&T STATION START HDGR RECORDING TAPE NO:_____ TAPE IDR:_____ GMT _____:_____:_____ (DAY:HR:MIN)	
206-016	KCTE	MS1	PCS HOME: C&T: COR: HCOR OVERVIEW: PASS THRU 'CONFIGURE PASS THRU' ENTER REQUIRED PENDING CHANNEL CONFIGURATION VALUES IN GUI FIELDS:	

CHANNEL	PASS THRU
1	ENABLE
2	DISABLE
3	DISABLE
4	DISABLE
5	DISABLE
6	DISABLE
7	DISABLE
8	DISABLE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

STATUS LINE: COMMAND ACCEPTED

'PASS THRU ENABLED'
VALUES MATCH TABLE BELOW:

CHANNEL	PASS THRU
1	✓
2	(BLANK)
3	(BLANK)
4	(BLANK)
5	(BLANK)
6	(BLANK)
7	(BLANK)
8	(BLANK)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
206-017	KCTE	SCNT	C&T STATION PDA/FEP MONITOR DATA FOR A DURATION OF 5 MINUTES RECORD: RECEIVED APID:_____ TOTAL PACKETS RECEIVED:_____ RECEIVED ERROR TYPE/COUNT:_____	
206-018	KCTE	SCNT	C&T STATION PDA/FEP VERIFY: NO DROPPED PACKETS NO HEADER ERRORS ~OMRSD A3000MC.600-A (PARTIAL HRDL JEM PM ISPR F1 DIRECT TO USOS) ~OMRSD A3000MC.600-A (PARTIAL HRDL JEM PM ISPR F1 DIRECT FROM USOS)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

206-019 KCTE MS1

PCS
HOME: C&T: COR: HCOR OVERVIEW: PASS THRU

'CONFIGURE PASS THRU'

ENTER REQUIRED PENDING CHANNEL CONFIGURATION VALUES IN GUI FIELDS:

CHANNEL	PASS THRU
1	DISABLE
2	DISABLE
3	DISABLE
4	DISABLE
5	DISABLE
6	DISABLE
7	DISABLE
8	DISABLE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

STATUS LINE: COMMAND ACCEPTED

'PASS THRU ENABLED'
VALUES MATCH TABLE BELOW:

CHANNEL	PASS THRU
1	(BLANK)
2	(BLANK)
3	(BLANK)
4	(BLANK)
5	(BLANK)
6	(BLANK)
7	(BLANK)
8	(BLANK)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
206-020	KCTE	SET1	US LAB EMULATOR CDH04 (PAYLOAD MDM RACK) PANEL A1/A2 (HRDL PATCHFIELD) DISCONNECT FIBER OPTIC ST PATCH CORDS PER TABLE BELOW:	

FROM	TO	REMARKS	T
A2 J17F	A1 J11F	PDG FWD 1 1 TO JEM ISPR-F1 IN	

206-021	KCTE TLM	TLM MJ1 NSQ DKQM	JEM PM ISPR F1 UIP DISCONNECT SCAR CABLE 82K05692-2 P1 FROM UIP J7	
			OK TO DISCONNECT	TJW:_____
			DISCONNECT OK	TJW:_____
			UPDATE ECDL LINE ITEM # _____	
				TLNV:_____
206-022	KCTE	SCNT	CONFIGURE PAYLOAD DATA ANALYZER (PDA) AND FRONT END PROCESSOR (FEP) PER OMI R2530: CONFIG FILE: MEIT3_HRDL_1 HRFM CHANNELS: 1-8 APID: 1200 GMT _____:_____:_____ (DAY:HR:MIN)	
				NV:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			ISPR F2 LOOPBACK VERIFICATION	
206-023	KCTE	TLM	JEM PM	
	TLM	MJ1	ISPR F2 UIP	
		NSQ		
		DKQM		
			CONNECT SCAR CABLE 82K05692-2 P1 TO UIP J7	
			OK TO CONNECT	TJW:_____
			CONNECT OK	TJW:_____
			UPDATE ECDL LINE ITEM # _____	
				TLNV:_____
206-024	KCTE	SET1	US LAB EMULATOR CDH04 (PAYLOAD MDM RACK) PANEL A1/A2 (HRDL PATCHFIELD)	
			CONNECT FIBER OPTIC ST PATCH CORDS PER TABLE BELOW:	

FROM	TO	REMARKS	T
A2 J17F	A1 J12F	PDG FWD 1 TO JEM ISPR-F2 IN	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

206-025 KCTE MS1 PCS
HOME: C&T: COR: HCOR OVERVIEW: PASS THRU

'CONFIGURE PASS THRU'

ENTER REQUIRED PENDING CHANNEL CONFIGURATION
VALUES IN GUI FIELDS:

CHANNEL	PASS THRU
1	DISABLE
2	ENABLE
3	DISABLE
4	DISABLE
5	DISABLE
6	DISABLE
7	DISABLE
8	DISABLE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

STATUS LINE: COMMAND ACCEPTED

'PASS THRU ENABLED'
VALUES MATCH TABLE BELOW:

CHANNEL	PASS THRU
1	(BLANK)
2	✓
3	(BLANK)
4	(BLANK)
5	(BLANK)
6	(BLANK)
7	(BLANK)
8	(BLANK)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
206-026	KCTE	SCNT	C&T STATION PDA/FEP MONITOR DATA FOR A DURATION OF 5 MINUTES RECORD: RECEIVED APID:_____ TOTAL PACKETS RECEIVED:_____ RECEIVED ERROR TYPE/COUNT:_____	
206-027	KCTE	SCNT	C&T STATION PDA/FEP VERIFY: NO DROPPED PACKETS NO HEADER ERRORS ~OMRSD A3000MC.600-A (PARTIAL HRDL JEM PM ISPR F2 DIRECT TO USOS) ~OMRSD A3000MC.600-A (PARTIAL HRDL JEM PM ISPR F2 DIRECT FROM USOS)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

206-028 KCTE MS1

PCS
HOME: C&T: COR: HCOR OVERVIEW: PASS THRU

'CONFIGURE PASS THRU'

ENTER REQUIRED PENDING CHANNEL CONFIGURATION
VALUES IN GUI FIELDS:

CHANNEL	PASS THRU
1	DISABLE
2	DISABLE
3	DISABLE
4	DISABLE
5	DISABLE
6	DISABLE
7	DISABLE
8	DISABLE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

STATUS LINE: COMMAND ACCEPTED

'PASS THRU ENABLED'
VALUES MATCH TABLE BELOW:

CHANNEL	PASS THRU
1	(BLANK)
2	(BLANK)
3	(BLANK)
4	(BLANK)
5	(BLANK)
6	(BLANK)
7	(BLANK)
8	(BLANK)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
206-029	KCTE	SET1	US LAB EMULATOR CDH04 (PAYLOAD MDM RACK) PANEL A1/A2 (HRDL PATCHFIELD) DISCONNECT FIBER OPTIC ST PATCH CORDS PER TABLE BELOW:	

FROM	TO	REMARKS	T
A2 J17F	A1 J12F	PDG FWD 1 TO JEM ISPR-F2 IN	

206-030	KCTE	TLM	JEM PM	
	TLM	MJ1	ISPR F2 UIP	
		NSQ		
		DKQM		
			DISCONNECT SCAR CABLE 82K05692-2 P1 FROM UIP J7	
			OK TO DISCONNECT	TJW:_____
			DISCONNECT OK	TJW:_____
			UPDATE ECDL LINE ITEM # _____	
				TLNV:_____
206-031	KCTE	SCNT	CONFIGURE PAYLOAD DATA ANALYZER (PDA) AND FRONT END PROCESSOR (FEP) PER OMI R2530: CONFIG FILE: MEIT3_HRDL_1 HRFM CHANNELS: 1-8 APID: 1200 GMT _____:_____:_____ (DAY:HR:MIN)	
				NV:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

ISPR F5 LOOPBACK VERIFICATION

206-032 KCTE TLM JEM PM
TLM MJ1 ISPR F5 UIP
NSQ
DKQM
CONNECT SCAR CABLE 82K05692-2 P1 TO UIP J7

OK TO CONNECT TJW:_____

CONNECT OK TJW:_____

UPDATE ECDL LINE ITEM # _____

TLNV:_____

206-033 KCTE SET1 US LAB EMULATOR
CDH04 (PAYLOAD MDM RACK)
PANEL A1/A2 (HRDL PATCHFIELD)

CONNECT FIBER OPTIC ST PATCH CORDS PER TABLE BELOW:

FROM	TO	REMARKS	T
A2 J17F	A1 J14F	PDG FWD 1 TO JEM ISPR-F5 IN	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

206-034 KCTE MS1 PCS
HOME: C&T: COR: HCOR OVERVIEW: PASS THRU

'CONFIGURE PASS THRU'

ENTER REQUIRED PENDING CHANNEL CONFIGURATION
VALUES IN GUI FIELDS:

CHANNEL	PASS THRU
1	DISABLE
2	DISABLE
3	ENABLE
4	DISABLE
5	DISABLE
6	DISABLE
7	DISABLE
8	DISABLE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

STATUS LINE: COMMAND ACCEPTED

'PASS THRU ENABLED'
VALUES MATCH TABLE BELOW:

CHANNEL	PASS THRU
1	(BLANK)
2	(BLANK)
3	✓
4	(BLANK)
5	(BLANK)
6	(BLANK)
7	(BLANK)
8	(BLANK)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
206-035	KCTE	SCNT	C&T STATION PDA/FEP MONITOR DATA FOR A DURATION OF 5 MINUTES RECORD: RECEIVED APID:_____ TOTAL PACKETS RECEIVED:_____ RECEIVED ERROR TYPE/COUNT:_____	
206-036	KCTE	SCNT	C&T STATION PDA/FEP VERIFY: NO DROPPED PACKETS NO HEADER ERRORS ~OMRSD A3000MC.600-A (PARTIAL HRDL JEM PM ISPR F5 DIRECT TO USOS) ~OMRSD A3000MC.600-A (PARTIAL HRDL JEM PM ISPR F5 DIRECT FROM USOS)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

206-037 KCTE MS1

PCS
HOME: C&T: COR: HCOR OVERVIEW: PASS THRU

'CONFIGURE PASS THRU'

ENTER REQUIRED PENDING CHANNEL CONFIGURATION VALUES IN GUI FIELDS:

CHANNEL	PASS THRU
1	DISABLE
2	DISABLE
3	DISABLE
4	DISABLE
5	DISABLE
6	DISABLE
7	DISABLE
8	DISABLE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

STATUS LINE: COMMAND ACCEPTED

'PASS THRU ENABLED'
VALUES MATCH TABLE BELOW:

CHANNEL	PASS THRU
1	(BLANK)
2	(BLANK)
3	(BLANK)
4	(BLANK)
5	(BLANK)
6	(BLANK)
7	(BLANK)
8	(BLANK)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
206-038	KCTE	SET1	US LAB EMULATOR CDH04 (PAYLOAD MDM RACK) PANEL A1/A2 (HRDL PATCHFIELD) DISCONNECT FIBER OPTIC ST PATCH CORDS PER TABLE BELOW:	

FROM	TO	REMARKS	T
A2 J17F	A1 J14F	PDG FWD 1 TO JEM ISPR-F5 IN	

206-039	KCTE	TLM	JEM PM	
	TLM	MJ1	ISPR F5 UIP	
		NSQ		
		DKQM		
			DISCONNECT SCAR CABLE 82K05692-2 P1 FROM UIP J7	
				OK TO DISCONNECT TJW:_____
				DISCONNECT OK TJW:_____
			UPDATE ECDL LINE ITEM # _____	
				TLNV:_____
206-040	KCTE	SCNT	CONFIGURE PAYLOAD DATA ANALYZER (PDA) AND FRONT END PROCESSOR (FEP) PER OMI R2530:	
			CONFIG FILE: MEIT3_HRDL_1 HRFM CHANNELS: 1-8 APID: 1200	
			GMT _____:_____:_____ (DAY:HR:MIN)	
				NV:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

ISPR F6 LOOPBACK VERIFICATION

206-041 KCTE TLM JEM PM
TLM MJ1 ISPR F6 UIP
NSQ
DKQM CONNECT SCAR CABLE 82K05692-2 P1 TO UIP J7

OK TO CONNECT TJW:_____

CONNECT OK TJW:_____

UPDATE ECDL LINE ITEM # _____

TLNV:_____

206-042 KCTE SET1 US LAB EMULATOR
CDH04 (PAYLOAD MDM RACK)
PANEL A1/A2 (HRDL PATCHFIELD)

CONNECT FIBER OPTIC ST PATCH CORDS PER TABLE BELOW:

FROM	TO	REMARKS	T
A2 J17F	A1 J15F	PDG FWD 1 TO JEM ISPR-F6 IN	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

206-043 KCTE MS1 PCS
HOME: C&T: COR: HCOR OVERVIEW: PASS THRU

'CONFIGURE PASS THRU'

ENTER REQUIRED PENDING CHANNEL CONFIGURATION
VALUES IN GUI FIELDS:

CHANNEL	PASS THRU
1	DISABLE
2	DISABLE
3	DISABLE
4	ENABLE
5	DISABLE
6	DISABLE
7	DISABLE
8	DISABLE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

STATUS LINE: COMMAND ACCEPTED

'PASS THRU ENABLED'
VALUES MATCH TABLE BELOW:

CHANNEL	PASS THRU
1	(BLANK)
2	(BLANK)
3	(BLANK)
4	✓
5	(BLANK)
6	(BLANK)
7	(BLANK)
8	(BLANK)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
206-044	KCTE	SCNT	C&T STATION PDA/FEP MONITOR DATA FOR A DURATION OF 5 MINUTES RECORD: RECEIVED APID:_____ TOTAL PACKETS RECEIVED:_____ RECEIVED ERROR TYPE/COUNT:_____	
206-045	KCTE	SCNT	C&T STATION PDA/FEP VERIFY: NO DROPPED PACKETS NO HEADER ERRORS ~OMRSD A3000MC.600-A (PARTIAL HRDL JEM PM ISPR F6 DIRECT TO USOS) ~OMRSD A3000MC.600-A (PARTIAL HRDL JEM PM ISPR F6 DIRECT FROM USOS)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

206-046 KCTE MS1

PCS
HOME: C&T: COR: HCOR OVERVIEW: PASS THRU

'CONFIGURE PASS THRU'

ENTER REQUIRED PENDING CHANNEL CONFIGURATION
VALUES IN GUI FIELDS:

CHANNEL	PASS THRU
1	DISABLE
2	DISABLE
3	DISABLE
4	DISABLE
5	DISABLE
6	DISABLE
7	DISABLE
8	DISABLE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

STATUS LINE: COMMAND ACCEPTED

'PASS THRU ENABLED'
VALUES MATCH TABLE BELOW:

CHANNEL	PASS THRU
1	(BLANK)
2	(BLANK)
3	(BLANK)
4	(BLANK)
5	(BLANK)
6	(BLANK)
7	(BLANK)
8	(BLANK)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
206-047	KCTE	SET1	US LAB EMULATOR CDH04 (PAYLOAD MDM RACK) PANEL A1/A2 (HRDL PATCHFIELD) DISCONNECT FIBER OPTIC ST PATCH CORDS PER TABLE BELOW:	

FROM	TO	REMARKS	T
A2 J17F	A1 J15F	PDG FWD 1 TO JEM ISPR-F6 IN	

206-048	KCTE	TLM	JEM PM	
	TLM	MJ1	ISPR F6 UIP	
		NSQ	DISCONNECT SCAR CABLE 82K05692-2 P1 FROM UIP J7	
		DKQM		
			OK TO DISCONNECT	TJW:_____
			DISCONNECT OK	TJW:_____
			UPDATE ECDL LINE ITEM # _____	
				TLNV:_____
206-049	KCTE	SCNT	CONFIGURE PAYLOAD DATA ANALYZER (PDA) AND FRONT END PROCESSOR (FEP) PER OMI R2530: CONFIG FILE: MEIT3_HRDL_1 HRFM CHANNELS: 1-8 APID: 1200 GMT _____:_____:_____ (DAY:HR:MIN)	
				NV:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

ISPR A1 LOOPBACK VERIFICATION

206-050 KCTE TLM JEM PM
TLM MJ1 ISPR A1 UIP
DKQM CONNECT SCAR CABLE 82K05692-2 P1 TO UIP J7

OK TO CONNECT TJW:_____

CONNECT OK TJW:_____

UPDATE ECDL LINE ITEM # _____

TLNV:_____

206-051 KCTE SET1 US LAB EMULATOR
CDH04 (PAYLOAD MDM RACK)
PANEL A1/A2 (HRDL PATCHFIELD)

CONNECT FIBER OPTIC ST PATCH CORDS PER TABLE BELOW:

FROM	TO	REMARKS	T
A2 J17F	A2 J2F	PDG FWD 1 TO JEM ISPR-A1 IN	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

206-052 KCTE MS1

PCS
HOME: C&T: COR: HCOR OVERVIEW: PASS THRU

'CONFIGURE PASS THRU'

ENTER REQUIRED PENDING CHANNEL CONFIGURATION
VALUES IN GUI FIELDS:

CHANNEL	PASS THRU
1	DISABLE
2	DISABLE
3	DISABLE
4	DISABLE
5	ENABLE
6	DISABLE
7	DISABLE
8	DISABLE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

STATUS LINE: COMMAND ACCEPTED

'PASS THRU ENABLED'
VALUES MATCH TABLE BELOW:

CHANNEL	PASS THRU
1	(BLANK)
2	(BLANK)
3	(BLANK)
4	(BLANK)
5	✓
6	(BLANK)
7	(BLANK)
8	(BLANK)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
206-053	KCTE	SCNT	C&T STATION PDA/FEP MONITOR DATA FOR A DURATION OF 5 MINUTES RECORD: RECEIVED APID:_____ TOTAL PACKETS RECEIVED:_____ RECEIVED ERROR TYPE/COUNT:_____	
206-054	KCTE	SCNT	C&T STATION PDA/FEP VERIFY: NO DROPPED PACKETS NO HEADER ERRORS ~OMRSD A3000MC.600-A (PARTIAL HRDL JEM PM ISPR A1 DIRECT TO USOS) ~OMRSD A3000MC.600-A (PARTIAL HRDL JEM PM ISPR A1 DIRECT FROM USOS)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

206-055 KCTE MS1

PCS
HOME: C&T: COR: HCOR OVERVIEW: PASS THRU

'CONFIGURE PASS THRU'

ENTER REQUIRED PENDING CHANNEL CONFIGURATION
VALUES IN GUI FIELDS:

CHANNEL	PASS THRU
1	DISABLE
2	DISABLE
3	DISABLE
4	DISABLE
5	DISABLE
6	DISABLE
7	DISABLE
8	DISABLE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

STATUS LINE: COMMAND ACCEPTED

'PASS THRU ENABLED'
VALUES MATCH TABLE BELOW:

CHANNEL	PASS THRU
1	(BLANK)
2	(BLANK)
3	(BLANK)
4	(BLANK)
5	(BLANK)
6	(BLANK)
7	(BLANK)
8	(BLANK)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
206-056	KCTE	SET1	US LAB EMULATOR CDH04 (PAYLOAD MDM RACK) PANEL A1/A2 (HRDL PATCHFIELD) DISCONNECT FIBER OPTIC ST PATCH CORDS PER TABLE BELOW:	

FROM	TO	REMARKS	T
A2 J17F	A2 J2F	PDG FWD 1 TO JEM ISPR-A1 IN	

206-057	KCTE	TLM	JEM PM	
	TLM	MJ1	ISPR A1 UIP	
		DKQM	DISCONNECT SCAR CABLE 82K05692-2 P1 FROM UIP J7	
				OK TO DISCONNECT TJW:_____
				DISCONNECT OK TJW:_____
			UPDATE ECDL LINE ITEM # _____	
				TLNV:_____
206-058	KCTE	SCNT	CONFIGURE PAYLOAD DATA ANALYZER (PDA) AND FRONT END PROCESSOR (FEP) PER OMI R2530:	
			CONFIG FILE: MEIT3_HRDL_1 HRFM CHANNELS: 1-8 APID: 1200	
			GMT _____:_____:_____ (DAY:HR:MIN)	
				NV:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			ISPR A2 LOOPBACK VERIFICATION	
206-059	KCTE	TLM	JEM PM	
	TLM	MJ1	ISPR A2 UIP	
		DKQM	CONNECT SCAR CABLE 82K05692-2 P1 TO UIP J7	
			OK TO CONNECT	TJW:_____
			CONNECT OK	TJW:_____
			UPDATE ECDL LINE ITEM # _____	
				TLNV:_____
206-060	KCTE	SET1	US LAB EMULATOR CDH04 (PAYLOAD MDM RACK) PANEL A1/A2 (HRDL PATCHFIELD)	
			CONNECT FIBER OPTIC ST PATCH CORDS PER TABLE BELOW:	

FROM	TO	REMARKS	T
A2 J17F	A2 J3F	PDG FWD 1 TO JEM ISPR-A2 IN	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

206-061 KCTE MS1

PCS
HOME: C&T: COR: HCOR OVERVIEW: PASS THRU

'CONFIGURE PASS THRU'

ENTER REQUIRED PENDING CHANNEL CONFIGURATION
VALUES IN GUI FIELDS:

CHANNEL	PASS THRU
1	DISABLE
2	DISABLE
3	DISABLE
4	DISABLE
5	DISABLE
6	ENABLE
7	DISABLE
8	DISABLE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

STATUS LINE: COMMAND ACCEPTED

'PASS THRU ENABLED'
VALUES MATCH TABLE BELOW:

CHANNEL	PASS THRU
1	(BLANK)
2	(BLANK)
3	(BLANK)
4	(BLANK)
5	(BLANK)
6	✓
7	(BLANK)
8	(BLANK)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
206-062	KCTE	SCNT	C&T STATION PDA/FEP MONITOR DATA FOR A DURATION OF 5 MINUTES RECORD: RECEIVED APID:_____ TOTAL PACKETS RECEIVED:_____ RECEIVED ERROR TYPE/COUNT:_____	
206-063	KCTE	SCNT	C&T STATION PDA/FEP VERIFY: NO DROPPED PACKETS NO HEADER ERRORS ~OMRSD A3000MC.600-A (PARTIAL HRDL JEM PM ISPR A2 DIRECT TO USOS) ~OMRSD A3000MC.600-A (PARTIAL HRDL JEM PM ISPR A2 DIRECT FROM USOS)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

206-064 KCTE MS1

PCS
HOME: C&T: COR: HCOR OVERVIEW: PASS THRU

'CONFIGURE PASS THRU'

ENTER REQUIRED PENDING CHANNEL CONFIGURATION
VALUES IN GUI FIELDS:

CHANNEL	PASS THRU
1	DISABLE
2	DISABLE
3	DISABLE
4	DISABLE
5	DISABLE
6	DISABLE
7	DISABLE
8	DISABLE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

STATUS LINE: COMMAND ACCEPTED

'PASS THRU ENABLED'
VALUES MATCH TABLE BELOW:

CHANNEL	PASS THRU
1	(BLANK)
2	(BLANK)
3	(BLANK)
4	(BLANK)
5	(BLANK)
6	(BLANK)
7	(BLANK)
8	(BLANK)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
206-065	KCTE	SET1	US LAB EMULATOR CDH04 (PAYLOAD MDM RACK) PANEL A1/A2 (HRDL PATCHFIELD) DISCONNECT FIBER OPTIC ST PATCH CORDS PER TABLE BELOW:	

FROM	TO	REMARKS	T
A2 J17F	A2 J3F	PDG FWD 1 TO JEM ISPR-A2 IN	

206-066	KCTE	TLM	JEM PM	
	TLM	MJ1	ISPR A2 UIP	
		DKQM	DISCONNECT SCAR CABLE 82K05692-2 P1 FROM UIP J7	
				OK TO DISCONNECT TJW:_____
				DISCONNECT OK TJW:_____
			UPDATE ECDL LINE ITEM # _____	
				TLNV:_____
206-067	KCTE	SCNT	CONFIGURE PAYLOAD DATA ANALYZER (PDA) AND FRONT END PROCESSOR (FEP) PER OMI R2530:	
			CONFIG FILE: MEIT3_HRDL_1 HRFM CHANNELS: 1-8 APID: 1200	
			GMT _____:_____:_____ (DAY:HR:MIN)	
				NV:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

ISPR A3 LOOPBACK VERIFICATION

206-068 KCTE TLM JEM PM
TLM MJ1 ISPR A3 UIP
DKQM CONNECT SCAR CABLE 82K05692-2 P1 TO UIP J7

OK TO CONNECT TJW:_____

CONNECT OK TJW:_____

UPDATE ECDL LINE ITEM # _____

TLNV:_____

206-069 KCTE SET1 US LAB EMULATOR
CDH04 (PAYLOAD MDM RACK)
PANEL A1/A2 (HRDL PATCHFIELD)

CONNECT FIBER OPTIC ST PATCH CORDS PER TABLE BELOW:

FROM	TO	REMARKS	T
A2 J17F	A2 J4F	PDG FWD 1 TO JEM ISPR-A3 IN	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

206-070 KCTE MS1

PCS
HOME: C&T: COR: HCOR OVERVIEW: PASS THRU

'CONFIGURE PASS THRU'

ENTER REQUIRED PENDING CHANNEL CONFIGURATION
VALUES IN GUI FIELDS:

CHANNEL	PASS THRU
1	DISABLE
2	DISABLE
3	DISABLE
4	DISABLE
5	DISABLE
6	DISABLE
7	ENABLE
8	DISABLE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

STATUS LINE: COMMAND ACCEPTED

'PASS THRU ENABLED'
VALUES MATCH TABLE BELOW:

CHANNEL	PASS THRU
1	(BLANK)
2	(BLANK)
3	(BLANK)
4	(BLANK)
5	(BLANK)
6	(BLANK)
7	✓
8	(BLANK)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
206-071	KCTE	SCNT	C&T STATION PDA/FEP MONITOR DATA FOR A DURATION OF 5 MINUTES RECORD: RECEIVED APID:_____ TOTAL PACKETS RECEIVED:_____ RECEIVED ERROR TYPE/COUNT:_____	
206-072	KCTE	SCNT	C&T STATION PDA/FEP VERIFY: NO DROPPED PACKETS NO HEADER ERRORS ~OMRSD A3000MC.600-A (PARTIAL HRDL JEM PM ISPR A3 DIRECT TO USOS) ~OMRSD A3000MC.600-A (PARTIAL HRDL JEM PM ISPR A3 DIRECT FROM USOS)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

206-073 KCTE MS1

PCS
HOME: C&T: COR: HCOR OVERVIEW: PASS THRU

'CONFIGURE PASS THRU'

ENTER REQUIRED PENDING CHANNEL CONFIGURATION
VALUES IN GUI FIELDS:

CHANNEL	PASS THRU
1	DISABLE
2	DISABLE
3	DISABLE
4	DISABLE
5	DISABLE
6	DISABLE
7	DISABLE
8	DISABLE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

STATUS LINE: COMMAND ACCEPTED

'PASS THRU ENABLED'
VALUES MATCH TABLE BELOW:

CHANNEL	PASS THRU
1	(BLANK)
2	(BLANK)
3	(BLANK)
4	(BLANK)
5	(BLANK)
6	(BLANK)
7	(BLANK)
8	(BLANK)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
206-074	KCTE	SET1	US LAB EMULATOR CDH04 (PAYLOAD MDM RACK) PANEL A1/A2 (HRDL PATCHFIELD) DISCONNECT FIBER OPTIC ST PATCH CORDS PER TABLE BELOW:	

FROM	TO	REMARKS	T
A2 J17F	A2 J4F	PDG FWD 1 TO JEM ISPR-A3 IN	

206-075	KCTE	TLM	JEM PM	
	TLM	MJ1	ISPR A3 UIP	
		DKQM	DISCONNECT SCAR CABLE 82K05692-2 P1 FROM UIP J7	
				OK TO DISCONNECT TJW:_____
				DISCONNECT OK TJW:_____
			UPDATE ECDL LINE ITEM # _____	
				TLNV:_____
206-076	KCTE	SCNT	CONFIGURE PAYLOAD DATA ANALYZER (PDA) AND FRONT END PROCESSOR (FEP) PER OMI R2530:	
			CONFIG FILE: MEIT3_HRDL_1 HRFM CHANNELS: 1-8 APID: 1200	
			GMT _____:_____:_____ (DAY:HR:MIN)	
				NV:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

ISPR A4 LOOPBACK VERIFICATION

206-077 KCTE TLM JEM PM
TLM MJ1 ISPR A4 UIP
DKQM CONNECT SCAR CABLE 82K05692-2 P1 TO UIP J7

OK TO CONNECT TJW:_____

CONNECT OK TJW:_____

UPDATE ECDL LINE ITEM # _____

TLNV:_____

206-078 KCTE SET1 US LAB EMULATOR
CDH04 (PAYLOAD MDM RACK)
PANEL A1/A2 (HRDL PATCHFIELD)

CONNECT FIBER OPTIC ST PATCH CORDS PER TABLE BELOW:

FROM	TO	REMARKS	T
A2 J17F	A2 J5F	PDG FWD 1 TO JEM ISPR-A4 IN	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

206-079 KCTE MS1

PCS
HOME: C&T: COR: HCOR OVERVIEW: PASS THRU

'CONFIGURE PASS THRU'

ENTER REQUIRED PENDING CHANNEL CONFIGURATION
VALUES IN GUI FIELDS:

CHANNEL	PASS THRU
1	DISABLE
2	DISABLE
3	DISABLE
4	DISABLE
5	DISABLE
6	DISABLE
7	DISABLE
8	ENABLE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

STATUS LINE: COMMAND ACCEPTED

'PASS THRU ENABLED'
VALUES MATCH TABLE BELOW:

CHANNEL	PASS THRU
1	(BLANK)
2	(BLANK)
3	(BLANK)
4	(BLANK)
5	(BLANK)
6	(BLANK)
7	(BLANK)
8	✓

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
206-080	KCTE	SCNT	C&T STATION PDA/FEP MONITOR DATA FOR A DURATION OF 5 MINUTES RECORD: RECEIVED APID:_____ TOTAL PACKETS RECEIVED:_____ RECEIVED ERROR TYPE/COUNT:_____	
206-081	KCTE	SCNT	C&T STATION PDA/FEP VERIFY: NO DROPPED PACKETS NO HEADER ERRORS ~OMRSD A3000MC.600-A (PARTIAL HRDL JEM PM ISPR A4 DIRECT TO USOS) ~OMRSD A3000MC.600-A (PARTIAL HRDL JEM PM ISPR A4 DIRECT FROM USOS)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

206-082 KCTE MS1 PCS
HOME: C&T: COR: HCOR OVERVIEW: PASS THRU

'CONFIGURE PASS THRU'

ENTER REQUIRED PENDING CHANNEL CONFIGURATION
VALUES IN GUI FIELDS:

CHANNEL	PASS THRU
1	DISABLE
2	DISABLE
3	DISABLE
4	DISABLE
5	DISABLE
6	DISABLE
7	DISABLE
8	DISABLE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

STATUS LINE: COMMAND ACCEPTED

'PASS THRU ENABLED'
VALUES MATCH TABLE BELOW:

CHANNEL	PASS THRU
1	(BLANK)
2	(BLANK)
3	(BLANK)
4	(BLANK)
5	(BLANK)
6	(BLANK)
7	(BLANK)
8	(BLANK)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

206-083 KCTE SET1 US LAB EMULATOR
CDH04 (PAYLOAD MDM RACK)
PANEL A1/A2 (HRDL PATCHFIELD)

DISCONNECT FIBER OPTIC ST PATCH CORDS PER
TABLE BELOW:

FROM	TO	REMARKS	T
A2 J17F	A2 J5F	PDG FWD 1 TO JEM ISPR-A4 IN	

206-084 KCTE TLM JEM PM
TLM MJ1 ISPR A4 UIP
DKQM DISCONNECT SCAR CABLE 82K05692-2 P1 FROM UIP J7

OK TO DISCONNECT TJW:_____

DISCONNECT OK TJW:_____

UPDATE ECDL LINE ITEM # _____

TLNV:_____

206-085 KCTE SET1 US LAB EMULATOR
CDH04 (PAYLOAD MDM RACK)
PANEL A1/A2 (HRDL PATCHFIELD)

DISCONNECT FIBER OPTIC ST PATCH CORDS PER
TABLE BELOW:

FROM	TO	REMARKS	T
A1 J2F	A2 J7F	JEM ISPR-F1 OUT TO HCOR IN 1	
A1 J3F	A2 J8F	JEM ISPR-F2 OUT TO HCOR IN 2	
A1 J5F	A2 J9F	JEM ISPR-F5 OUT TO HCOR IN 3	
A1 J6F	A2 J10F	JEM ISPR-F6 OUT TO HCOR IN 4	
A1 J17F	A2 J11F	JEM ISPR-A1 OUT TO HCOR IN 5	
A1 J18F	A2 J12F	JEM ISPR-A2 OUT TO HCOR IN 6	
A1 J19F	A2 J13F	JEM ISPR-A3 OUT TO HCOR IN 7	
A1 J20F	A2 J14F	JEM ISPR-A4 OUT TO HCOR IN 8	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

206-086 KCTE SET1 US LAB EMULATOR
CDH04 (PAYLOAD MDM RACK)
PANEL A1/A2 (HRDL PATCHFIELD)

CONNECT FIBER OPTIC ST PATCH CORDS PER TABLE BELOW:

FROM	TO	REMARKS	T
A1 J21F	A2 J7F	JEM ISPR-A5 OUT TO HCOR IN 1	
A1 J4F	A2 J8F	JEM ISPR-F3 OUT TO HCOR IN 2	
A1 J7F	A2 J9F	JEM HRMS 1 OUT TO HCOR IN 3	
A1 J8F	A2 J10F	JEM HRMS 2 OUT TO HCOR IN 4	
A1 J22F	A2 J11F	JEM HRMS 3 OUT TO HCOR IN 5	
A1 J23F	A2 J12F	JEM HRMS 4 OUT TO HCOR IN 6	

206-087 KCTE SCNT CONFIGURE PAYLOAD DATA ANALYZER (PDA) AND FRONT END PROCESSOR (FEP) PER OMI R2530:

CONFIG FILE: MEIT3_HRDL_1
HRFM CHANNELS: 1-8
APID: 1200

GMT _____:_____:_____ (DAY:HR:MIN)

NV:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

ISPR A5 LOOPBACK VERIFICATION

206-088 KCTE TLM JEM PM
TLM MJ1 ISPR A5 UIP
DKQM CONNECT SCAR CABLE 82K05692-2 P1 TO UIP J7

OK TO CONNECT TJW:_____

CONNECT OK TJW:_____

UPDATE ECDL LINE ITEM # _____

TLNV:_____

206-089 KCTE SET1 US LAB EMULATOR
CDH04 (PAYLOAD MDM RACK)
PANEL A1/A2 (HRDL PATCHFIELD)

CONNECT FIBER OPTIC ST PATCH CORDS PER TABLE BELOW:

FROM	TO	REMARKS	T
A2 J17F	A2 J6F	PDG FWD 1 TO JEM ISPR-A5 IN	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

206-090 KCTE MS1

PCS
HOME: C&T: COR: HCOR OVERVIEW: PASS THRU

'CONFIGURE PASS THRU'

ENTER REQUIRED PENDING CHANNEL CONFIGURATION
VALUES IN GUI FIELDS:

CHANNEL	PASS THRU
1	ENABLE
2	DISABLE
3	DISABLE
4	DISABLE
5	DISABLE
6	DISABLE
7	DISABLE
8	DISABLE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

STATUS LINE: COMMAND ACCEPTED

'PASS THRU ENABLED'
VALUES MATCH TABLE BELOW:

CHANNEL	PASS THRU
1	✓
2	(BLANK)
3	(BLANK)
4	(BLANK)
5	(BLANK)
6	(BLANK)
7	(BLANK)
8	(BLANK)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
206-091	KCTE	SCNT	C&T STATION PDA/FEP MONITOR DATA FOR A DURATION OF 5 MINUTES RECORD: RECEIVED APID:_____ TOTAL PACKETS RECEIVED:_____ RECEIVED ERROR TYPE/COUNT:_____	
206-092	KCTE	SCNT	C&T STATION PDA/FEP VERIFY: NO DROPPED PACKETS NO HEADER ERRORS ~OMRSD A3000MC.600-A (PARTIAL HRDL JEM PM ISPR A5 DIRECT TO USOS) ~OMRSD A3000MC.600-A (PARTIAL HRDL JEM PM ISPR A5 DIRECT FROM USOS)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

206-093 KCTE MS1

PCS
HOME: C&T: COR: HCOR OVERVIEW: PASS THRU

'CONFIGURE PASS THRU'

ENTER REQUIRED PENDING CHANNEL CONFIGURATION VALUES IN GUI FIELDS:

CHANNEL	PASS THRU
1	DISABLE
2	DISABLE
3	DISABLE
4	DISABLE
5	DISABLE
6	DISABLE
7	DISABLE
8	DISABLE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

STATUS LINE: COMMAND ACCEPTED

'PASS THRU ENABLED'
VALUES MATCH TABLE BELOW:

CHANNEL	PASS THRU
1	(BLANK)
2	(BLANK)
3	(BLANK)
4	(BLANK)
5	(BLANK)
6	(BLANK)
7	(BLANK)
8	(BLANK)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
206-094	KCTE	SET1	US LAB EMULATOR CDH04 (PAYLOAD MDM RACK) PANEL A1/A2 (HRDL PATCHFIELD) DISCONNECT FIBER OPTIC ST PATCH CORDS PER TABLE BELOW:	

FROM	TO	REMARKS	T
A2 J17F	A2 J6F	PDG FWD 1 TO JEM ISPR-A5 IN	

206-095	KCTE	SCNT	CONFIGURE PAYLOAD DATA ANALYZER (PDA) AND FRONT END PROCESSOR (FEP) PER OMI R2530: CONFIG FILE: MEIT3_HRDL_1 HRFM CHANNELS: 1-8 APID: 1200 GMT _____:_____:_____ (DAY:HR:MIN)	
				NV:_____
			ISPR F3 LOOPBACK VERIFICATION	
206-096	KCTE	TLM	JEM PM	
	TLM	MJ1	ISPR F3 UIP	
		DKQM	CONNECT SCAR CABLE 82K05692-2 P1 TO UIP J7	
				OK TO CONNECT TJW:_____
				CONNECT OK TJW:_____
			UPDATE ECDL LINE ITEM # _____	
				TLNV:_____
206-097	KCTE	SET1	US LAB EMULATOR CDH04 (PAYLOAD MDM RACK) PANEL A1/A2 (HRDL PATCHFIELD) CONNECT FIBER OPTIC ST PATCH CORDS PER TABLE BELOW:	

FROM	TO	REMARKS	T
A2 J17F	A1 J13F	PDG FWD 1 TO JEM ISPR-F3 IN	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

206-098 KCTE MS1 PCS
HOME: C&T: COR: HCOR OVERVIEW: PASS THRU

'CONFIGURE PASS THRU'

ENTER REQUIRED PENDING CHANNEL CONFIGURATION
VALUES IN GUI FIELDS:

CHANNEL	PASS THRU
1	DISABLE
2	ENABLE
3	DISABLE
4	DISABLE
5	DISABLE
6	DISABLE
7	DISABLE
8	DISABLE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

STATUS LINE: COMMAND ACCEPTED

'PASS THRU ENABLED'
VALUES MATCH TABLE BELOW:

CHANNEL	PASS THRU
1	(BLANK)
2	✓
3	(BLANK)
4	(BLANK)
5	(BLANK)
6	(BLANK)
7	(BLANK)
8	(BLANK)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
206-099	KCTE	SCNT	C&T STATION PDA/FEP MONITOR DATA FOR A DURATION OF 5 MINUTES RECORD: RECEIVED APID:_____ TOTAL PACKETS RECEIVED:_____ RECEIVED ERROR TYPE/COUNT:_____	
206-100	KCTE	SCNT	C&T STATION PDA/FEP VERIFY: NO DROPPED PACKETS NO HEADER ERRORS ~OMRSD A3000MC.600-A (PARTIAL HRDL JEM PM ISPR F3 DIRECT TO USOS) ~OMRSD A3000MC.600-A (PARTIAL HRDL JEM PM ISPR F3 DIRECT FROM USOS)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

206-101 KCTE MS1

PCS
HOME: C&T: COR: HCOR OVERVIEW: PASS THRU

'CONFIGURE PASS THRU'

ENTER REQUIRED PENDING CHANNEL CONFIGURATION
VALUES IN GUI FIELDS:

CHANNEL	PASS THRU
1	DISABLE
2	DISABLE
3	DISABLE
4	DISABLE
5	DISABLE
6	DISABLE
7	DISABLE
8	DISABLE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

STATUS LINE: COMMAND ACCEPTED

'PASS THRU ENABLED'
VALUES MATCH TABLE BELOW:

CHANNEL	PASS THRU
1	(BLANK)
2	(BLANK)
3	(BLANK)
4	(BLANK)
5	(BLANK)
6	(BLANK)
7	(BLANK)
8	(BLANK)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
206-102	KCTE	ALL	ISPR DIRECT FORWARD AND RETURN HRDL LINK VERIFICATIONS COMPLETE.	

NOTE

THE FOLLOWING SERIES OF STEPS WILL PARTIALLY SATISFY OMRSD A3000MC.600-A (HRDL JEM HRMS TO USOS).

HRMS RETURN LINK VERIFICATIONS

206-103 KCTE SJT1 JEM PM
ISPR F3 UIP

DISCONNECT FOLLOWING LOOPBACK CONNECTIONS BETWEEN ISPR SCAR CABLE AND ST BARREL PER FOLLOWING TABLE:

FROM	TO	REMARKS	T
82K05692-2 P2	BARREL	TX TO APS	
82K05692-2 P3	BARREL	RX FROM APS	

206-104 KCTE SJT1 JEM PM
ISPR F3 UIP

CONNECT FOLLOWING LOOPBACK CONNECTIONS BETWEEN ISPR SCAR CABLE AND ST BARREL PER FOLLOWING TABLE:

FROM	TO	REMARKS	T
82K05692-2 P3	BARREL	RX FROM APS	
82K05692-2 P4	BARREL	TX TO JEM HRD	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

NOTE

PERFORM THE FOLLOWING STEP IF THE HRMS IS NOT ALREADY POWERED.

206-105 KCTE DKQM PERFORM OMI R0031V1 SEQ 47 OPERATION SUPPORT SETUP: HRMS ACTIVATION.

START GMT: _____:_____:_____(DAY:HR:MIN)

COMPLETE GMT: _____:_____:_____(DAY:HR:MIN)

NV:_____

NOT PERFORMED:_____

206-106 KCTE TLM JEM PM
WORKSTATION RACK
HRMS

CONNECT THE HRMS PATCH CABLE TO THE HRMS PATCH PANEL PER THE FOLLOWING TABLE (N.C. = NO CONNECTION):

FROM PATCH CABLE	TO PATCH PANEL	REMARKS
OUTPUT	OUTPUT	N/A
P1	INPUT P/L JEF DATA 1	HRMS MUX IN 1; NOT ACTIVE
P2	INPUT P/L JEF DATA 2	HRMS MUX IN 2; NOT ACTIVE
P3	INPUT P/L JEF DATA 3	HRMS MUX IN 3; NOT ACTIVE
P4	INPUT P/L JEF DATA 4	HRMS MUX IN 4; NOT ACTIVE
P5	INPUT P/L JEF DATA 5	OUT TO ICS 1; NOT ACTIVE
P6	INPUT P/L JEF DATA 6	OUT TO ICS 2; NOT ACTIVE
P7	INPUT P/L JPM DATA A5	OUT TO ICS 3; NOT ACTIVE
P8	INPUT P/L JEF DATA 8	OUT TO ICS 4; NOT ACTIVE
P9	INPUT P/L JEF DATA 9	OUT TO ISPR A3; NOT ACTIVE
P10	INPUT P/L JPM DATA A1	OUT TO ISPR F5; NOT ACTIVE

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP CMD RESP DESCRIPTION VERIF.

FROM PATCH CABLE	TO PATCH PANEL	REMARKS
P11	INPUT P/L JPM DATA F3	OUT TO SS APS
P12	INPUT P/L JPM DATA A2	REPEATER 1; NOT ACTIVE
P13	INPUT P/L JPM DATA A3	REPEATER 2; NOT ACTIVE
P14	INPUT P/L JPM DATA A4	REPEATER 3; NOT ACTIVE

TJW:_____

206-107 KCTE SCNT CONFIGURE PAYLOAD DATA ANALYZER (PDA) AND FRONT END PROCESSOR (FEP) PER OMI R2530:

CONFIG FILE: MEIT3_HRDL_1
HRFM CHANNELS: 1-8
APID: 1200

GMT _____:_____:_____ (DAY:HR:MIN)

NV:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

206-108 KCTE MS1

PCS
HOME: C&T: COR: HCOR OVERVIEW: PASS THRU

'CONFIGURE PASS THRU'

ENTER REQUIRED PENDING CHANNEL CONFIGURATION
VALUES IN GUI FIELDS:

CHANNEL	PASS THRU
1	DISABLE
2	DISABLE
3	ENABLE
4	DISABLE
5	DISABLE
6	DISABLE
7	DISABLE
8	DISABLE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

STATUS LINE: COMMAND ACCEPTED

'PASS THRU ENABLED'
VALUES MATCH TABLE BELOW:

CHANNEL	PASS THRU
1	(BLANK)
2	(BLANK)
3	✓
4	(BLANK)
5	(BLANK)
6	(BLANK)
7	(BLANK)
8	(BLANK)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
206-109	KCTE	SCNT	C&T STATION PDA/FEP MONITOR DATA FOR A DURATION OF 5 MINUTES RECORD: RECEIVED APID:_____ TOTAL PACKETS RECEIVED:_____ RECEIVED ERROR TYPE/COUNT:_____	
206-110	KCTE	SCNT	C&T STATION PDA/FEP VERIFY: NO DROPPED PACKETS NO HEADER ERRORS ~OMRSD A3000MC.600-A (PARTIAL HRDL JEM PM HRMS 1 TO USOS)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

206-111 KCTE MS1

PCS
HOME: C&T: COR: HCOR OVERVIEW: PASS THRU

'CONFIGURE PASS THRU'

ENTER REQUIRED PENDING CHANNEL CONFIGURATION VALUES IN GUI FIELDS:

CHANNEL	PASS THRU
1	DISABLE
2	DISABLE
3	DISABLE
4	DISABLE
5	DISABLE
6	DISABLE
7	DISABLE
8	DISABLE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

STATUS LINE: COMMAND ACCEPTED

'PASS THRU ENABLED'
VALUES MATCH TABLE BELOW:

CHANNEL	PASS THRU
1	(BLANK)
2	(BLANK)
3	(BLANK)
4	(BLANK)
5	(BLANK)
6	(BLANK)
7	(BLANK)
8	(BLANK)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
206-112	KCTE	TLM	JEM PM WORKSTATION RACK HRMS	

CONNECT THE HRMS PATCH CABLE TO THE HRMS PATCH PANEL PER THE FOLLOWING TABLE (N.C. = NO CONNECTION):

FROM PATCH CABLE	TO PATCH PANEL	REMARKS
OUTPUT	OUTPUT	N/A
P1	INPUT P/L JEF DATA 1	HRMS MUX IN 1; NOT ACTIVE
P2	INPUT P/L JEF DATA 2	HRMS MUX IN 2; NOT ACTIVE
P3	INPUT P/L JEF DATA 3	HRMS MUX IN 3; NOT ACTIVE
P4	INPUT P/L JEF DATA 4	HRMS MUX IN 4; NOT ACTIVE
P5	INPUT P/L JEF DATA 5	OUT TO ICS 1; NOT ACTIVE
P6	INPUT P/L JEF DATA 6	OUT TO ICS 2; NOT ACTIVE
P7	INPUT P/L JPM DATA A5	OUT TO ICS 3; NOT ACTIVE
P8	INPUT P/L JEF DATA 8	OUT TO ICS 4; NOT ACTIVE
P9	INPUT P/L JEF DATA 9	OUT TO ISPR A3; NOT ACTIVE
P10	INPUT P/L JPM DATA A1	OUT TO ISPR F5; NOT ACTIVE
P11	INPUT P/L JPM DATA A2	OUT TO SS APS; NOT ACTIVE
P12	INPUT P/L JPM DATA F3	REPEATER 1
P13	INPUT P/L JPM DATA A3	REPEATER 2; NOT ACTIVE
P14	INPUT P/L JPM DATA A4	REPEATER 3; NOT ACTIVE

TJW:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
206-113	KCTE	SCNT	CONFIGURE PAYLOAD DATA ANALYZER (PDA) AND FRONT END PROCESSOR (FEP) PER OMI R2530: CONFIG FILE: MEIT3_HRDL_1 HRFM CHANNELS: 1-8 APID: 1200 GMT _____:_____:_____ (DAY:HR:MIN)	
				NV:_____
206-114	KCTE	MS1	PCS HOME: C&T: COR: HCOR OVERVIEW: PASS THRU 'CONFIGURE PASS THRU' ENTER REQUIRED PENDING CHANNEL CONFIGURATION VALUES IN GUI FIELDS:	

CHANNEL	PASS THRU
1	DISABLE
2	DISABLE
3	DISABLE
4	ENABLE
5	DISABLE
6	DISABLE
7	DISABLE
8	DISABLE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

STATUS LINE: COMMAND ACCEPTED

'PASS THRU ENABLED'
VALUES MATCH TABLE BELOW:

CHANNEL	PASS THRU
1	(BLANK)
2	(BLANK)
3	(BLANK)
4	✓
5	(BLANK)
6	(BLANK)
7	(BLANK)
8	(BLANK)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
206-115	KCTE	SCNT	C&T STATION PDA/FEP MONITOR DATA FOR A DURATION OF 5 MINUTES RECORD: RECEIVED APID:_____ TOTAL PACKETS RECEIVED:_____ RECEIVED ERROR TYPE/COUNT:_____	
206-116	KCTE	SCNT	C&T STATION PDA/FEP VERIFY: NO DROPPED PACKETS NO HEADER ERRORS ~OMRSD A3000MC.600-A (PARTIAL HRDL JEM PM HRMS 2 TO USOS)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

206-117 KCTE MS1

PCS
HOME: C&T: COR: HCOR OVERVIEW: PASS THRU

'CONFIGURE PASS THRU'

ENTER REQUIRED PENDING CHANNEL CONFIGURATION
VALUES IN GUI FIELDS:

CHANNEL	PASS THRU
1	DISABLE
2	DISABLE
3	DISABLE
4	DISABLE
5	DISABLE
6	DISABLE
7	DISABLE
8	DISABLE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

STATUS LINE: COMMAND ACCEPTED

'PASS THRU ENABLED'
VALUES MATCH TABLE BELOW:

CHANNEL	PASS THRU
1	(BLANK)
2	(BLANK)
3	(BLANK)
4	(BLANK)
5	(BLANK)
6	(BLANK)
7	(BLANK)
8	(BLANK)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
206-118	KCTE	TLM	JEM PM WORKSTATION RACK HRMS	

CONNECT THE HRMS PATCH CABLE TO THE HRMS PATCH PANEL PER THE FOLLOWING TABLE (N.C. = NO CONNECTION):

FROM PATCH CABLE	TO PATCH PANEL	REMARKS
OUTPUT	OUTPUT	N/A
P1	INPUT P/L JEF DATA 1	HRMS MUX IN 1; NOT ACTIVE
P2	INPUT P/L JEF DATA 2	HRMS MUX IN 2; NOT ACTIVE
P3	INPUT P/L JEF DATA 3	HRMS MUX IN 3; NOT ACTIVE
P4	INPUT P/L JEF DATA 4	HRMS MUX IN 4; NOT ACTIVE
P5	INPUT P/L JEF DATA 5	OUT TO ICS 1; NOT ACTIVE
P6	INPUT P/L JEF DATA 6	OUT TO ICS 2; NOT ACTIVE
P7	INPUT P/L JPM DATA A5	OUT TO ICS 3; NOT ACTIVE
P8	INPUT P/L JEF DATA 8	OUT TO ICS 4; NOT ACTIVE
P9	INPUT P/L JEF DATA 9	OUT TO ISPR A3; NOT ACTIVE
P10	INPUT P/L JPM DATA A1	OUT TO ISPR F5; NOT ACTIVE
P11	INPUT P/L JPM DATA A2	OUT TO SS APS; NOT ACTIVE
P12	INPUT P/L JPM DATA A3	REPEATER 1; NOT ACTIVE
P13	INPUT P/L JPM DATA F3	REPEATER 2
P14	INPUT P/L JPM DATA A4	REPEATER 3; NOT ACTIVE

TJW:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

206-119 KCTE SCNT

CONFIGURE PAYLOAD DATA ANALYZER (PDA) AND
FRONT END PROCESSOR (FEP) PER OMI R2530:

CONFIG FILE: MEIT3_HRDL_1
HRFM CHANNELS: 1-8
APID: 1200

GMT _____:_____:_____ (DAY:HR:MIN)

NV:_____

206-120 KCTE MS1

PCS
HOME: C&T: COR: HCOR OVERVIEW: PASS THRU

'CONFIGURE PASS THRU'

ENTER REQUIRED PENDING CHANNEL CONFIGURATION VALUES IN
GUI FIELDS:

CHANNEL	PASS THRU
1	DISABLE
2	DISABLE
3	DISABLE
4	DISABLE
5	ENABLE
6	DISABLE
7	DISABLE
8	DISABLE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

STATUS LINE: COMMAND ACCEPTED

'PASS THRU ENABLED'
VALUES MATCH TABLE BELOW:

CHANNEL	PASS THRU
1	(BLANK)
2	(BLANK)
3	(BLANK)
4	(BLANK)
5	✓
6	(BLANK)
7	(BLANK)
8	(BLANK)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
206-121	KCTE	SCNT	C&T STATION PDA/FEP MONITOR DATA FOR A DURATION OF 5 MINUTES RECORD: RECEIVED APID:_____ TOTAL PACKETS RECEIVED:_____ RECEIVED ERROR TYPE/COUNT:_____	
206-122	KCTE	SCNT	C&T STATION PDA/FEP VERIFY: NO DROPPED PACKETS NO HEADER ERRORS ~OMRSD A3000MC.600-A (PARTIAL HRDL JEM PM HRMS 3 TO USOS)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

206-123 KCTE MS1

PCS
HOME: C&T: COR: HCOR OVERVIEW: PASS THRU

'CONFIGURE PASS THRU'

ENTER REQUIRED PENDING CHANNEL CONFIGURATION
VALUES IN GUI FIELDS:

CHANNEL	PASS THRU
1	DISABLE
2	DISABLE
3	DISABLE
4	DISABLE
5	DISABLE
6	DISABLE
7	DISABLE
8	DISABLE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

STATUS LINE: COMMAND ACCEPTED

'PASS THRU ENABLED'
VALUES MATCH TABLE BELOW:

CHANNEL	PASS THRU
1	(BLANK)
2	(BLANK)
3	(BLANK)
4	(BLANK)
5	(BLANK)
6	(BLANK)
7	(BLANK)
8	(BLANK)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
206-124	KCTE	TLM	JEM PM WORKSTATION RACK HRMS	

CONNECT THE HRMS PATCH CABLE TO THE HRMS PATCH PANEL PER THE FOLLOWING TABLE (N.C. = NO CONNECTION):

FROM PATCH CABLE	TO PATCH PANEL	REMARKS
OUTPUT	OUTPUT	N/A
P1	INPUT P/L JEF DATA 1	HRMS MUX IN 1; NOT ACTIVE
P2	INPUT P/L JEF DATA 2	HRMS MUX IN 2; NOT ACTIVE
P3	INPUT P/L JEF DATA 3	HRMS MUX IN 3; NOT ACTIVE
P4	INPUT P/L JEF DATA 4	HRMS MUX IN 4; NOT ACTIVE
P5	INPUT P/L JEF DATA 5	OUT TO ICS 1; NOT ACTIVE
P6	INPUT P/L JEF DATA 6	OUT TO ICS 2; NOT ACTIVE
P7	INPUT P/L JPM DATA A5	OUT TO ICS 3; NOT ACTIVE
P8	INPUT P/L JEF DATA 8	OUT TO ICS 4; NOT ACTIVE
P9	INPUT P/L JEF DATA 9	OUT TO ISPR A3; NOT ACTIVE
P10	INPUT P/L JPM DATA A1	OUT TO ISPR F5; NOT ACTIVE
P11	INPUT P/L JPM DATA A2	OUT TO SS APS; NOT ACTIVE
P12	INPUT P/L JPM DATA A3	REPEATER 1; NOT ACTIVE
P13	INPUT P/L JPM DATA A4	REPEATER 2; NOT ACTIVE
P14	INPUT P/L JPM DATA F3	REPEATER 3

TJW:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
206-125	KCTE	SCNT	CONFIGURE PAYLOAD DATA ANALYZER (PDA) AND FRONT END PROCESSOR (FEP) PER OMI R2530: CONFIG FILE: MEIT3_HRDL_1 HRFM CHANNELS: 1-8 APID: 1200 GMT _____:_____:_____ (DAY:HR:MIN)	
				NV:_____
206-126	KCTE	MS1	PCS HOME: C&T: COR: HCOR OVERVIEW: PASS THRU 'CONFIGURE PASS THRU' ENTER REQUIRED PENDING CHANNEL CONFIGURATION VALUES IN GUI FIELDS:	

CHANNEL	PASS THRU
1	DISABLE
2	DISABLE
3	DISABLE
4	DISABLE
5	DISABLE
6	ENABLE
7	DISABLE
8	DISABLE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

STATUS LINE: COMMAND ACCEPTED

'PASS THRU ENABLED'
VALUES MATCH TABLE BELOW:

CHANNEL	PASS THRU
1	(BLANK)
2	(BLANK)
3	(BLANK)
4	(BLANK)
5	(BLANK)
6	✓
7	(BLANK)
8	(BLANK)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
206-127	KCTE	SCNT	C&T STATION PDA/FEP MONITOR DATA FOR A DURATION OF 5 MINUTES RECORD: RECEIVED APID:_____ TOTAL PACKETS RECEIVED:_____ RECEIVED ERROR TYPE/COUNT:_____	
206-128	KCTE	SCNT	C&T STATION PDA/FEP VERIFY: NO DROPPED PACKETS NO HEADER ERRORS ~OMRSD A3000MC.600-A (PARTIAL HRDL JEM PM HRMS 1 TO USOS)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

206-129 KCTE MS1

PCS
HOME: C&T: COR: HCOR OVERVIEW: PASS THRU

'CONFIGURE PASS THRU'

ENTER REQUIRED PENDING CHANNEL CONFIGURATION
VALUES IN GUI FIELDS:

CHANNEL	PASS THRU
1	DISABLE
2	DISABLE
3	DISABLE
4	DISABLE
5	DISABLE
6	DISABLE
7	DISABLE
8	DISABLE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

STATUS LINE: COMMAND ACCEPTED

'PASS THRU ENABLED'
VALUES MATCH TABLE BELOW:

CHANNEL	PASS THRU
1	(BLANK)
2	(BLANK)
3	(BLANK)
4	(BLANK)
5	(BLANK)
6	(BLANK)
7	(BLANK)
8	(BLANK)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

206-130 KCTE SET1 US LAB EMULATOR
CDH04 (PAYLOAD MDM RACK)
PANEL A1/A2 (HRDL PATCHFIELD)

DISCONNECT FIBER OPTIC ST PATCH CORDS PER TABLE BELOW:

FROM	TO	REMARKS	T
A1 J21F	A2 J7F	JEM ISPR-A5 OUT TO HCOR IN 1	
A1 J4F	A2 J8F	JEM ISPR-F3 OUT TO HCOR IN 2	
A1 J7F	A2 J9F	JEM HRMS 1 OUT TO HCOR IN 3	
A1 J8F	A2 J10F	JEM HRMS 2 OUT TO HCOR IN 4	
A1 J22F	A2 J11F	JEM HRMS 3 OUT TO HCOR IN 5	
A1 J23F	A2 J12F	JEM HRMS 4 OUT TO HCOR IN 6	

206-131 KCTE SJT1 JEM PM
ISPR F3 UIP

DISCONNECT FOLLOWING LOOPBACK CONNECTIONS BETWEEN ISPR SCAR CABLE AND ST BARREL PER FOLLOWING TABLE:

FROM	TO	REMARKS	T
82K05692-2 P3	BARREL	RX FROM APS	
82K05692-2 P4	BARREL	TX TO JEM HRD	

206-132 KCTE TLM JEM PM
TLM MJ1 ISPR F3 UIP
DKQM DISCONNECT SCAR CABLE 82K05692-2 P1 FROM UIP J7

OK TO DISCONNECT TJW:_____

DISCONNECT OK TJW:_____

UPDATE ECDL LINE ITEM # _____

TLNV:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
206-133	KCTE	ALL	HRMS HRDL RETURN LINK VERIFICATIONS COMPLETE.	

NOTE

THE FOLLOWING SERIES OF STEPS WILL PARTIALLY SATISFY OMRSD A3000MC.600-A (HRDL ICS RESERVED USOS TO JEM-PM AND ICS DIRECT JEM-PM TO USOS).

ICS FORWARD LINK TEST

206-134 KCTE SJT1 CONFIGURE LOOPBACK CONNECTION ON ISPR SCAR CABLE AND ST BARREL PER FOLLOWING TABLE:

FROM	TO	REMARKS	T
82K05692-2 P2	BARREL	ICS IN 1	
82K05692-2 P4	BARREL	JEM RESERVED OUT (ICS RETURN)	

206-135 KCTE TLM JEM PM
TLM MJ1 ICS RACK UIP
DKQM

CONNECT SCAR CABLE 82K05692-2 P1 TO UIP J8

OK TO CONNECT TJW:_____

CONNECT OK TJW:_____

UPDATE ECDL LINE ITEM # _____

TLNV:_____

206-136 KCTE SET1 US LAB EMULATOR
CDH04 (PAYLOAD MDM RACK)
PANEL A1/A2 (HRDL PATCHFIELD)

CONNECT FIBER OPTIC ST PATCH CORDS PER TABLE BELOW:

FROM	TO	REMARKS	T
A1 J24F	A2 J7F	JEM RESERVED OUT TO HCOR IN 1	
A2 J17F	A1 J1F	PDG FWD 1 TO JEM ICS1 IN	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

206-137 KCTE SCNT

CONFIGURE PAYLOAD DATA ANALYZER (PDA) AND
FRONT END PROCESSOR (FEP) PER OMI R2530:

CONFIG FILE: MEIT3_HRDL_1
HRFM CHANNELS: 1-8
APID: 1200

GMT _____:_____:_____ (DAY:HR:MIN)

NV:_____

206-138 KCTE MS1

PCS
HOME: C&T: COR: HCOR OVERVIEW: PASS THRU

'CONFIGURE PASS THRU'

ENTER REQUIRED PENDING CHANNEL CONFIGURATION
VALUES IN GUI FIELDS:

CHANNEL	PASS THRU
1	ENABLE
2	DISABLE
3	DISABLE
4	DISABLE
5	DISABLE
6	DISABLE
7	DISABLE
8	DISABLE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

STATUS LINE: COMMAND ACCEPTED

'PASS THRU ENABLED'
VALUES MATCH TABLE BELOW:

CHANNEL	PASS THRU
1	✓
2	(BLANK)
3	(BLANK)
4	(BLANK)
5	(BLANK)
6	(BLANK)
7	(BLANK)
8	(BLANK)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
206-139	KCTE	SCNT	C&T STATION PDA/FEP MONITOR DATA FOR A DURATION OF 5 MINUTES RECORD: RECEIVED APID:_____ TOTAL PACKETS RECEIVED:_____ RECEIVED ERROR TYPE/COUNT:_____	
206-140	KCTE	SCNT	C&T STATION PDA/FEP VERIFY: NO DROPPED PACKETS NO HEADER ERRORS ~OMRSD A3000MC.600-A (PARTIAL HRDL JEM PM ICS RESERVED TO USOS) ~OMRSD A3000MC.600-A (PARTIAL HRDL JEM PM ICS IN 1 FROM USOS)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

206-141 KCTE MS1 PCS
HOME: C&T: COR: HCOR OVERVIEW: PASS THRU

'CONFIGURE PASS THRU'

ENTER REQUIRED PENDING CHANNEL CONFIGURATION
VALUES IN GUI FIELDS:

CHANNEL	PASS THRU
1	DISABLE
2	DISABLE
3	DISABLE
4	DISABLE
5	DISABLE
6	DISABLE
7	DISABLE
8	DISABLE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

STATUS LINE: COMMAND ACCEPTED

'PASS THRU ENABLED'
VALUES MATCH TABLE BELOW:

CHANNEL	PASS THRU
1	(BLANK)
2	(BLANK)
3	(BLANK)
4	(BLANK)
5	(BLANK)
6	(BLANK)
7	(BLANK)
8	(BLANK)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

206-142 KCTE SJT1 CONFIGURE LOOPBACK CONNECTION ON ISPR SCAR CABLE AND ST BARREL PER FOLLOWING TABLE:

FROM	TO	REMARKS	T
82K05692-2 P3	BARREL	ICS IN 2	
82K05692-2 P4	BARREL	JEM RESERVED OUT (ICS RETURN)	

206-143 KCTE SET1 US LAB EMULATOR
CDH04 (PAYLOAD MDM RACK)
PANEL A1/A2 (HRDL PATCHFIELD)

DISCONNECT FIBER OPTIC ST PATCH CORDS PER TABLE BELOW:

FROM	TO	REMARKS	T
A2 J17F	A1 J1F	PDG FWD 1 TO JEM ICS1 IN	

206-144 KCTE SET1 US LAB EMULATOR
CDH04 (PAYLOAD MDM RACK)
PANEL A1/A2 (HRDL PATCHFIELD)

CONNECT FIBER OPTIC ST PATCH CORDS PER TABLE BELOW:

FROM	TO	REMARKS	T
A2 J17F	A1 J16F	PDG FWD 1 TO JEM ICS2 IN	

206-145 KCTE SCNT CONFIGURE PAYLOAD DATA ANALYZER (PDA) AND FRONT END PROCESSOR (FEP) PER OMI R2530:

CONFIG FILE: MEIT3_HRDL_1
HRFM CHANNELS: 1-8
APID: 1200

GMT _____:_____:_____ (DAY:HR:MIN)

NV:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

206-146 KCTE MS1

PCS
HOME: C&T: COR: HCOR OVERVIEW: PASS THRU

'CONFIGURE PASS THRU'

ENTER REQUIRED PENDING CHANNEL CONFIGURATION
VALUES IN GUI FIELDS:

CHANNEL	PASS THRU
1	ENABLE
2	DISABLE
3	DISABLE
4	DISABLE
5	DISABLE
6	DISABLE
7	DISABLE
8	DISABLE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

STATUS LINE: COMMAND ACCEPTED

'PASS THRU ENABLED'
VALUES MATCH TABLE BELOW:

CHANNEL	PASS THRU
1	✓
2	(BLANK)
3	(BLANK)
4	(BLANK)
5	(BLANK)
6	(BLANK)
7	(BLANK)
8	(BLANK)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
206-147	KCTE	SCNT	C&T STATION PDA/FEP MONITOR DATA FOR A DURATION OF 5 MINUTES RECORD: RECEIVED APID:_____ TOTAL PACKETS RECEIVED:_____ RECEIVED ERROR TYPE/COUNT:_____	
206-148	KCTE	SCNT	C&T STATION PDA/FEP VERIFY: NO DROPPED PACKETS NO HEADER ERRORS ~OMRSD A3000MC.600-A (PARTIAL HRDL JEM PM ICS IN 2 FROM USOS)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

206-149 KCTE MS1

PCS
HOME: C&T: COR: HCOR OVERVIEW: PASS THRU

'CONFIGURE PASS THRU'

ENTER REQUIRED PENDING CHANNEL CONFIGURATION
VALUES IN GUI FIELDS:

CHANNEL	PASS THRU
1	DISABLE
2	DISABLE
3	DISABLE
4	DISABLE
5	DISABLE
6	DISABLE
7	DISABLE
8	DISABLE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

STATUS LINE: COMMAND ACCEPTED

'PASS THRU ENABLED'
VALUES MATCH TABLE BELOW:

CHANNEL	PASS THRU
1	(BLANK)
2	(BLANK)
3	(BLANK)
4	(BLANK)
5	(BLANK)
6	(BLANK)
7	(BLANK)
8	(BLANK)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
206-150	KCTE	SCNT	C&T STATION	
			STOP HDGR RECORDING	
			TAPE NO:_____	
			TAPE IDR:_____	
			GMT _____:_____:_____ (DAY:HR:MIN)	
206-151	KCTE	SET1	US LAB EMULATOR CDH04 (PAYLOAD MDM RACK) PANEL A1/A2 (HRDL PATCHFIELD)	
			DISCONNECT FIBER OPTIC ST PATCH CORDS PER TABLE BELOW:	

FROM	TO	REMARKS	T
A2 J17F	A1 J16F	PDG FWD 1 TO JEM ICS2 IN	
A1 J24F	A2 J7F	JEM RESERVED OUT TO HCOR IN 1	

206-152	KCTE	TLM	JEM PM	
	TLM	MJ1	ICS RACK UIP	
		DKQM	DISCONNECT SCAR CABLE 82K05692-2 P1 FROM UIP J8	
			OK TO DISCONNECT	TJW:_____
			DISCONNECT OK	TJW:_____
			UPDATE ECDL LINE ITEM # _____	
				TLNV:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			NOTE PERFORM THE FOLLOWING STEP AT THE DIRECTION OF KCTE IF HRMS SUPPORT NO LONGER REQUIRED.	
206-153	KCTE	DKQM	PERFORM OMI R0031V1 SEQ 48 OPERATION SUPPORT SETUP: HRMS DEACTIVATION. START GMT: _____:_____:_____(DAY:HR:MIN) COMPLETE GMT: _____:_____:_____(DAY:HR:MIN)	NV:_____ NOT PERFORMED:_____
			NOTE PERFORM THE FOLLOWING 2 STEPS AT THE DIRECTION OF KCTE IF HIGH RATE DATA SUPPORT IS NO LONGER REQUIRED.	
206-154	PTC	KCTE DKQM	PERFORM OMI R0031V1 SEQ 39 OPERATION SUPPORT SETUP: HRFM DVTM DEACTIVATION. START GMT: _____:_____:_____(DAY:HR:MIN) COMPLETE GMT: _____:_____:_____(DAY:HR:MIN)	NV:_____ NOT PERFORMED:_____
206-155	PTC	KCTE DKQM	PERFORM OMI R0031V1 SEQ 43 OPERATION SUPPORT SETUP: HCOR EDU DEACTIVATION. START GMT: _____:_____:_____(DAY:HR:MIN) COMPLETE GMT: _____:_____:_____(DAY:HR:MIN)	NV:_____ NOT PERFORMED:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
206-156	KCTE	ALL	ICS RESERVED AND ICS DIRECT RETURN HRDL LINK VERIFICATIONS COMPLETE.	
206-157	PTC	DKQM	HRDL ISPR FORWARD/RETURN LINK, HRMS RETURN LINK, AND ICS FORWARD/RETURN LINK CONTINUITY TEST COMPLETE. GMT _____:_____:_____ (DAY:HR:MIN)	
				NV:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
207-000			**HIGH-RATE DATA LINK (HRDL) PDH-USOS CONTINUITY DEMONSTRATION TEST OBJECTIVE**	
207-001	PTC	DKQM	RECORD THE FOLLOWING INFORMATION: GMT _____:_____:_____ (DAY:HR:MIN)	NV:_____
207-002	PTC	KCTE TLM SCNT SSFE SET1	VERIFY READY TO PROCEED WITH TEST MHI TASK LEADER CAPPS C&T STATION ENGINEER CAPPS FLT EMULATOR ENGINEER CAPPS FLT EMULATOR TECH	
207-003	PTC	KCTE	PROCEED WITH TEST. GMT _____:_____:_____ (DAY:HR:MIN)	
207-004	KCTE	TIE	REPORT ORU AND SYSTEM STATE:	

MDM	EXPECTED STATE	ACTUAL STATE
C&C	ACTIVE	
PL-1	ACTIVE	
PCS	ACTIVE	

RECORD STATION MODE:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
207-005	KCTE	TLM	REPORT ORU AND SYSTEM STATE:	

MDM	EXPECTED STATE	ACTUAL STATE
JCP-A	COLD STANDBY	
JCP-B	ACTIVE	
SLT	CONNECTED & ACTIVE	
PDH-A	OFF	
PDH-B	OFF	
HRMS	OFF	
DIU A3	VDO/VLV POWER ON	

RECORD JEM MODE:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP CMD RESP DESCRIPTION VERIF.

NOTE

PERFORM THE FOLLOWING STEP TO CONFIGURE FOR SYSTEMS TEST IF REQUIRED.

207-006 TIE DKQM

SEQUENCE TITLE	PROCEDURE	SEQUENCE #	START GMT	STOP GMT

NV:_____

NOT PERFORMED:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			NOTE PERFORM THE FOLLOWING 2 STEPS AT THE DIRECTION OF KCTE TO ATTAIN THE PROPER TEST SUPPORT CONFIGURATION	
207-007	KCTE	DKQM	PERFORM OMI R0031V1 SEQ 42 OPERATION SUPPORT SETUP: HCOR EDU ACTIVATION. START GMT: _____:_____:_____(DAY:HR:MIN) COMPLETE GMT: _____:_____:_____(DAY:HR:MIN)	NV:_____ NOT PERFORMED:_____
207-008	KCTE	DKQM	PERFORM OMI R0031V1 SEQ 38 OPERATION SUPPORT SETUP: HRFM DVTM ACTIVATION. START GMT: _____:_____:_____(DAY:HR:MIN) COMPLETE GMT: _____:_____:_____(DAY:HR:MIN)	NV:_____ NOT PERFORMED:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
207-009	KCTE	SCNT	CONFIGURE PAYLOAD DATA ANALYZER (PDA) AND FRONT END PROCESSOR (FEP) PER OMI R2530: CONFIG FILE: MEIT3_HRDL_2 HRFM CHANNELS: 1 APID: 610 GMT _____:_____:_____ (DAY:HR:MIN)	
				NV:_____
			NOTE PERFORM THE FOLLOWING STEP IF PDH-B IS POWERED.	
207-010	KCTE	KCDH DKQM	PERFORM OMI R0031V1 SEQ 35 OPERATION SUPPORT SETUP: PDH DEACTIVATION PDH: B START GMT: _____:_____:_____(DAY:HR:MIN) COMPLETE GMT: _____:_____:_____(DAY:HR:MIN)	
				NV:_____
				NOT PERFORMED:_____
			NOTE PERFORM THE NEXT STEP IF PDH–A ACTIVATION IS REQUIRED AND PDB_DMS_1 IS NOT POWERED. FINAL JCP A CONFIGURATION AT THE END OF THE FOLLOWING STEP SHOULD BE COLD STANDBY.	
207-011	KCTE	KCDH DKQM	PERFORM OMI R2009 SEQ 19: JCP A STANDBY ACTIVATION START GMT: _____:_____:_____(DAY:HR:MIN) COMPLETE GMT: _____:_____:_____(DAY:HR:MIN)	
				NV:_____
				NOT PERFORMED:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

NOTE

BUS REDUNDANCY CHECKS FOR PL BUS E MAY BE PERFORMED FOLLOWING POWERUP OF PDH-A

NOTE

PERFORM THE FOLLOWING STEP IF PDH-A IS NOT ALREADY POWERED.

207-012 KCTE KCDH DKQM PERFORM OMI R0031V1 SEQ 34 OPERATION SUPPORT SEQUENCE: JEM PDH ACTIVATION

STEP NUMBERS:_____
PDH: A
CCT CONFIG: TBLIMAX.DAT

START GMT: _____:_____:_____(DAY:HR:MIN)

COMPLETE GMT: _____:_____:_____(DAY:HR:MIN)

NV:_____

NOT PERFORMED:_____

NOTE

THE FOLLOWING SERIES OF STEPS WILL PARTIALLY SATISFY OMRSD A3000MC.600-A (HRDL JEM PM PDH-A AND PDH-B TO USOS).

207-013 KCTE SET1 US LAB EMULATOR
CDH04 (PAYLOAD MDM FEU RACK)
PANEL A1/A2 (HRDL PATCHFIELD)

CONNECT FIBER OPTIC ST PATCH CORDS PER TABLE BELOW:

FROM	TO	REMARKS	T
A1 J10F	A2 J7F	JEM PDH-A OUT TO HCOR IN 1	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
207-014	KCTE	SCNT	C&T STATION START HDGR RECORDING TAPE NO:_____ TAPE IDR:_____ GMT _____:_____:_____ (DAY:HR:MIN)	
207-015	KCTE	MS1	PCS HOME: C&T: COR: HCOR OVERVIEW: PASS THRU 'CONFIGURE PASS THRU' ENTER REQUIRED PENDING CHANNEL CONFIGURATION VALUES IN GUI FIELDS:	

CHANNEL	PASS THRU
1	ENABLE
2	DISABLE
3	DISABLE
4	DISABLE
5	DISABLE
6	DISABLE
7	DISABLE
8	DISABLE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

STATUS LINE: COMMAND ACCEPTED

'PASS THRU ENABLED'
VALUES MATCH TABLE BELOW:

CHANNEL	PASS THRU
1	✓
2	(BLANK)
3	(BLANK)
4	(BLANK)
5	(BLANK)
6	(BLANK)
7	(BLANK)
8	(BLANK)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
207-016	KCTE	SCNT	C&T STATION PDA/FEP MONITOR DATA FOR A DURATION OF 5 MINUTES RECORD: RECEIVED APID:_____ TOTAL PACKETS RECEIVED:_____ RECEIVED ERROR TYPE/COUNT:_____	
207-017	KCTE	SCNT	C&T STATION PDA/FEP VERIFY: NO DROPPED PACKETS NO HEADER ERRORS ~OMRSD A3000MC.600-A (PARTIAL HRDL JEM PM PDH-A TO USOS)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

207-018 KCTE MS1

PCS
HOME: C&T: COR: HCOR OVERVIEW: PASS THRU

'CONFIGURE PASS THRU'

ENTER REQUIRED PENDING CHANNEL CONFIGURATION
VALUES IN GUI FIELDS:

CHANNEL	PASS THRU
1	DISABLE
2	DISABLE
3	DISABLE
4	DISABLE
5	DISABLE
6	DISABLE
7	DISABLE
8	DISABLE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

STATUS LINE: COMMAND ACCEPTED

'PASS THRU ENABLED'
VALUES MATCH TABLE BELOW:

CHANNEL	PASS THRU
1	(BLANK)
2	(BLANK)
3	(BLANK)
4	(BLANK)
5	(BLANK)
6	(BLANK)
7	(BLANK)
8	(BLANK)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
207-019	KCTE	SET1	US LAB EMULATOR CDH04 (PAYLOAD MDM FEU RACK) PANEL A1/A2 (HRDL PATCHFIELD) DISCONNECT FIBER OPTIC ST PATCH CORDS PER TABLE BELOW:	

FROM	TO	REMARKS	T
A1 J10F	A2 J7F	JEM PDH-A OUT TO HCOR IN 1	

207-020	KCTE PTC	PTC KCDH DKQM	PERFORM OMI R0031V1 SEQ 35 OPERATION SUPPORT SEQUENCE: JEM PDH DEACTIVATION PDH: A START GMT: _____:_____:_____(DAY:HR:MIN) COMPLETE GMT: _____:_____:_____(DAY:HR:MIN)	
				NV:_____

NOTE

PERFORM THE NEXT STEP IF PDH–A IS NO LONGER REQUIRED TO SUPPORT AND JCP–B IS PRIMARY.

207-021	KCTE	KCDH DKQM	PERFORM OMI R2009 SEQ 20 OPERATION SUPPORT SEQUENCE: JCP A STANDBY DEACTIVATION START GMT: _____:_____:_____(DAY:HR:MIN) COMPLETE GMT: _____:_____:_____(DAY:HR:MIN)	
				NV:_____
				NOT PERFORMED:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

NOTE

PERFORM THE NEXT STEP IF PDB_DMS_2 IS NOT POWERED. FINAL JCP B CONFIGURATION AT THE END OF THE FOLLOWING STEP SHOULD BE COLD STANDBY.

207-022 KCTE KCDH DKQMH PERFORM OMI R2009 SEQ 21 OPERATION SUPPORT SEQUENCE: JCP B STANDBY ACTIVATION

START GMT: _____:_____:_____(DAY:HR:MIN)

COMPLETE GMT: _____:_____:_____(DAY:HR:MIN)

NV:_____

NOT PERFORMED:_____

207-023 KCTE KCDH DKQM PERFORM OMI R0031V1 SEQ 34 OPERATION SUPPORT SEQUENCE: JEM PDH ACTIVATION

STEP NUMBERS:_____

PDH: B
CCT CONFIG: TBLIMAX.DAT

START GMT: _____:_____:_____(DAY:HR:MIN)

COMPLETE GMT: _____:_____:_____(DAY:HR:MIN)

NV:_____

207-024 KCTE SCNT CONFIGURE PAYLOAD DATA ANALYZER (PDA) AND FRONT END PROCESSOR (FEP) PER OMI R2530:

CONFIG FILE: MEIT3_HRDL_2
HRFM CHANNELS: 1
APID: 610

GMT _____:_____:_____ (DAY:HR:MIN)

NV:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

207-025 KCTE SET1 US LAB EMULATOR
CDH04 (PAYLOAD MDM FEU RACK)
PANEL A1/A2 (HRDL PATCHFIELD)

CONNECT FIBER OPTIC ST PATCH CORDS PER TABLE BELOW:

FROM	TO	REMARKS	T
A2 J1F	A2 J7F	JEM PDH-B OUT TO HCOR IN 1	

207-026 KCTE MS1 PCS
HOME: C&T: COR: HCOR OVERVIEW: PASS THRU

'CONFIGURE PASS THRU'

ENTER REQUIRED PENDING CHANNEL CONFIGURATION VALUES IN GUI FIELDS:

CHANNEL	PASS THRU
1	ENABLE
2	DISABLE
3	DISABLE
4	DISABLE
5	DISABLE
6	DISABLE
7	DISABLE
8	DISABLE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:
STATUS LINE: COMMAND ACCEPTED

'PASS THRU ENABLED'
VALUES MATCH TABLE BELOW:

CHANNEL	PASS THRU
1	✓
2	(BLANK)
3	(BLANK)
4	(BLANK)
5	(BLANK)
6	(BLANK)
7	(BLANK)
8	(BLANK)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
207-027	KCTE	SCNT	C&T STATION PDA/FEP MONITOR DATA FOR A DURATION OF 5 MINUTES RECORD: RECEIVED APID:_____ TOTAL PACKETS RECEIVED:_____ RECEIVED ERROR TYPE/COUNT:_____	
207-028	KCTE	SCNT	C&T STATION PDA/FEP VERIFY: NO DROPPED PACKETS NO HEADER ERRORS ~OMRSD A3000MC.600-A (PARTIAL HRDL JEM PM PDH-B TO USOS)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

207-029 KCTE MS1

PCS
HOME: C&T: COR: HCOR OVERVIEW: PASS THRU

'CONFIGURE PASS THRU'

ENTER REQUIRED PENDING CHANNEL CONFIGURATION
VALUES IN GUI FIELDS:

CHANNEL	PASS THRU
1	DISABLE
2	DISABLE
3	DISABLE
4	DISABLE
5	DISABLE
6	DISABLE
7	DISABLE
8	DISABLE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

STATUS LINE: COMMAND ACCEPTED

'PASS THRU ENABLED'
VALUES MATCH TABLE BELOW:

CHANNEL	PASS THRU
1	(BLANK)
2	(BLANK)
3	(BLANK)
4	(BLANK)
5	(BLANK)
6	(BLANK)
7	(BLANK)
8	(BLANK)

207-030 KCTE SCNT

C&T STATION

STOP HDGR RECORDING

TAPE NO:_____

TAPE IDR:_____

GMT _____:_____:_____ (DAY:HR:MIN)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
207-031	KCTE	SET1	US LAB EMULATOR CDH04 (PAYLOAD MDM FEU RACK) PANEL A1/A2 (HRDL PATCHFIELD) DISCONNECT FIBER OPTIC ST PATCH CORDS PER TABLE BELOW:	

FROM	TO	REMARKS	T
A2 J1F	A2 J7F	JEM PDH-B OUT TO HCOR IN 1	

NOTE

PERFORM THE FOLLOWING STEP IF PDH-B SUPPORT IS NO LONGER REQUIRED FOR SUBSEQUENT C&DH ACTIVITIES.

207-032	KCTE	KCDH DKQM	PERFORM OMI R0031V1 SEQ 35 OPERATION SUPPORT SEQUENCE: JEM PDH DEACTIVATION PDH: B START GMT: _____:_____:_____(DAY:HR:MIN) COMPLETE GMT: _____:_____:_____(DAY:HR:MIN) NV:_____ NOT PERFORMED:_____	

NOTE

PERFORM THE NEXT STEP IF JCP B IS NO LONGER REQUIRED TO SUPPORT AND JCP–A IS PRIMARY.

207-033	KCTE	KCDH DKQM	PERFORM OMI R2009 SEQ 22 JCP B STANDBY DEACTIVATION START GMT: _____:_____:_____(DAY:HR:MIN) COMPLETE GMT: _____:_____:_____(DAY:HR:MIN) NV:_____ NOT PERFORMED:_____	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			NOTE PERFORM THE FOLLOWING 2 STEPS IF HIGH RATE DATA SUPPORT IS NO LONGER REQUIRED.	
207-034	KCTE	DKQM	PERFORM OMI R0031V1 SEQ 39 OPERATION SUPPORT SETUP: HRFM DVTM DEACTIVATION. START GMT: _____:_____:_____(DAY:HR:MIN) COMPLETE GMT: _____:_____:_____(DAY:HR:MIN)	NV:_____ NOT PERFORMED:_____
207-035	KCTE	DKQM	PERFORM OMI R0031V1 SEQ 43 OPERATION SUPPORT SETUP: HCOR EDU DEACTIVATION. START GMT: _____:_____:_____(DAY:HR:MIN) COMPLETE GMT: _____:_____:_____(DAY:HR:MIN)	NV:_____ NOT PERFORMED:_____
207-036	PTC	DKQM	HRDL PDH-USOS CONTINUITY TEST COMPLETE. GMT _____:_____:_____ (DAY:HR:MIN)	NV:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
208-000			**HIGH-RATE DATA LINK (HRDL) HRMS MULTIPLEXED BITSTREAM MODE RECORDING OBJECTIVE**	
208-001	PTC	DKQM	RECORD THE FOLLOWING INFORMATION: GMT _____:_____:_____ (DAY:HR:MIN)	NV:_____
208-002	PTC	KCTE	VERIFY READY TO PROCEED WITH TEST	
		TLM	MHI TASK LEADER	
		SCNT	CAPPS C&T STATION ENGINEER	
		SSFE	CAPPS FLT EMULATOR ENGINEER	
		SET1	CAPPS FLT EMULATOR TECH	
		SJT1	CAPPS JEM TECH	
208-003	PTC	KCTE	PROCEED WITH TEST. GMT _____:_____:_____ (DAY:HR:MIN)	
208-004	KCTE	TIE	REPORT ORU AND SYSTEM STATE:	

MDM	EXPECTED STATE	ACTUAL STATE
C&C	ACTIVE	
PL-1	ACTIVE	
PCS	ACTIVE	

RECORD STATION MODE:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
208-005	KCTE	TLM	REPORT ORU AND SYSTEM STATE:	

MDM	EXPECTED STATE	ACTUAL STATE
JCP-A	COLD STBY	
JCP-B	ACTIVE	
SLT	CONNECTED & ACTIVE	
HRMS	ON	
DIU A3	VDO/VLV POWER ON	

RECORD JEM MODE:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

NOTE

PERFORM THE FOLLOWING STEP TO CONFIGURE FOR SYSTEMS TEST IF REQUIRED.

208-006 TIE DKQM

SEQUENCE TITLE	PROCEDURE	SEQUENCE #	START GMT	STOP GMT

NV:_____

NOT PERFORMED:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			NOTE PERFORM THE FOLLOWING 3 STEPS AT THE DIRECTION OF KCTE TO ATTAIN THE PROPER TEST SUPPORT CONFIGURATION	
208-007	PTC	KCTE DKQM	PERFORM OMI R0031V1 SEQ 42 OPERATION SUPPORT SETUP: HCOR EDU ACTIVATION. START GMT: _____:_____:_____(DAY:HR:MIN) COMPLETE GMT: _____:_____:_____(DAY:HR:MIN)	NV:_____ NOT PERFORMED:_____
208-008	PTC	KCTE DKQM	PERFORM OMI R0031V1 SEQ 38 OPERATION SUPPORT SETUP: HRFM DVTM ACTIVATION. START GMT: _____:_____:_____(DAY:HR:MIN) COMPLETE GMT: _____:_____:_____(DAY:HR:MIN)	NV:_____ NOT PERFORMED:_____
208-009	PTC	KCTE DKQM	PERFORM OMI R0031V1 SEQ 47 OPERATION SUPPORT SETUP: HRMS ACTIVATION. START GMT: _____:_____:_____(DAY:HR:MIN) COMPLETE GMT: _____:_____:_____(DAY:HR:MIN)	NV:_____ NOT PERFORMED:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
208-010	KCTE	SCNT	CONFIGURE PAYLOAD DATA GENERATOR (PDG) PER OMI R2530: CONFIG FILE: MEIT3_HRDL_3 OUTPUT CHANNEL 1: OUTPUT RATE: 1 MBPS OUTPUT FORMAT: BITSTREAM OUTPUT CONTENT: ODD PATTERN OUTPUT CHANNEL 2: OUTPUT RATE: 0.5 MBPS OUTPUT FORMAT: BITSTREAM OUTPUT CONTENT: EVEN PATTERN GMT _____:_____:_____ (DAY:HR:MIN)	
				NV:_____
208-011	KCTE	SCNT	CONFIGURE PAYLOAD DATA ANALYZER (PDA) AND FRONT END PROCESSOR (FEP) PER OMI R2530: CONFIG FILE: MEIT3_HRDL_3 HRFM CHANNELS: 1 APID: 1333 GMT _____:_____:_____ (DAY:HR:MIN)	
				NV:_____
208-012	KCTE	SET1	US LAB EMULATOR CDH04 (PAYLOAD MDM FEU RACK) PANEL A1/A2 (HRDL PATCHFIELD) CONNECT FIBER OPTIC ST PATCH CORDS PER TABLE BELOW:	

FROM	TO	REMARKS	T
A2 J17F	A2 J6F	PDG 1 FWD TO JEM ISPR-A5 IN	
A2 J18F	A1 J13F	PDG 2 FWD TO JEM ISPR-F3 IN	
A1 J7F	A2 J7F	HRMS 1 OUT TO HCOR IN 1	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

208-013 KCTE SJT1 JEM PM
ISPR A5 UIP

CONNECT FOLLOWING LOOPBACK CONNECTIONS BETWEEN FIRST ISPR SCAR CABLE AND ST BARREL PER FOLLOWING TABLE:

FROM	TO	REMARKS	T
82K05692-2 P3	BARREL	ISPR RET LINK TO HRMS	
82K05692-2 P4	BARREL	ISPR FWD LINK	

208-014 KCTE TLM JEM PM
TLM MJ1 ISPR A5 UIP
DKQM CONNECT SCAR CABLE 82K05692-2 P1 TO UIP J7

OK TO CONNECT TJW:_____

CONNECT OK TJW:_____

UPDATE ECDL LINE ITEM # _____

TLNV:_____

208-015 KCTE SJT1 JEM PM
ISPR F3 UIP

CONNECT FOLLOWING LOOPBACK CONNECTIONS BETWEEN SECOND ISPR SCAR CABLE AND ST BARREL PER FOLLOWING TABLE:

FROM	TO	REMARKS	T
82K05692-2 P3	BARREL	ISPR RET LINK TO HRMS	
82K05692-2 P4	BARREL	ISPR FWD LINK	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
208-016	KCTE	TLM	JEM PM	
	TLM	MJ1	ISPR F3 UIP	
		DKQM	CONNECT SCAR CABLE 82K05692-2 P1 TO UIP J7	
			OK TO CONNECT	TJW:_____
			CONNECT OK	TJW:_____
			UPDATE ECDL LINE ITEM # _____	
				TLNV:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
208-017	KCTE	TLM	JEM PM WORKSTATION RACK HRMS	

CONNECT THE HRMS PATCH CABLE TO THE HRMS PATCH PANEL PER THE FOLLOWING TABLE (N.C. = NO CONNECTION):

FROM PATCH CABLE	TO PATCH PANEL	REMARKS
OUTPUT	OUTPUT	N/A
P1	INPUT P/L JPM DATA F3	HRMS MUX IN 1
P2	INPUT P/L JPM DATA A5	HRMS MUX IN 2
P3	INPUT P/L JEF DATA 3	HRMS MUX IN 3; NOT ACTIVE
P4	INPUT P/L JEF DATA 4	HRMS MUX IN 4; NOT ACTIVE
P5	INPUT P/L JEF DATA 5	OUT TO ICS 1; NOT ACTIVE
P6	INPUT P/L JEF DATA 6	OUT TO ICS 2; NOT ACTIVE
P7	INPUT P/L JPM DATA A5	OUT TO ICS 3; NOT ACTIVE
P8	INPUT P/L JEF DATA 8	OUT TO ICS 4; NOT ACTIVE
P9	INPUT P/L JEF DATA 9	OUT TO ISPR A3; NOT ACTIVE
P10	INPUT P/L JPM DATA A1	OUT TO ISPR F5; NOT ACTIVE
P11	HRMS MUX DATA	OUT TO SS APS
P12	INPUT P/L JPM DATA A2	REPEATER 1; NOT ACTIVE
P13	INPUT P/L JPM DATA A3	REPEATER 2; NOT ACTIVE
P14	INPUT P/L JPM DATA A4	REPEATER 3; NOT ACTIVE

TJW:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

208-018 KCTE MS1 PCS
HOME: C&T: COR: HCOR OVERVIEW: INPUT CH STATUS:
INPUT CHANNEL CONFIGURATION

ENTER REQUIRED CHANNEL CONFIGURATION VALUES IN GUI FIELDS. THIS TABLE IS PERPENDICULAR TO THE PCS DISPLAY:

INPUT CHANNEL	**MODE**	**RATE MBPS**	**T/O VALUE, MS**	**APID**
1	BIT	5	4096	1333
2	CCSDS	5	4096	0
3	CCSDS	5	4096	0
4	CCSDS	5	4096	0
5	CCSDS	5	4096	0
6	CCSDS	5	4096	0
7	CCSDS	5	4096	0
8	CCSDS	5	4096	0

VERIFY:
ALL REQUIRED VALUES MATCH TABLE ABOVE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:
STATUS LINE: COMMAND ACCEPTED
ALL ACTUAL INPUT CHANNEL CONFIGURATION VALUES MATCH PENDING VALUES ON DISPLAY

208-019 KCTE SCNT C&T STATION

INSERT NEW HDGR TAPE

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
208-020	KCTE	SCNT	C&T STATION START HDGR RECORDING TAPE NO:_____ TAPE IDR:_____ GMT _____:_____:_____ (DAY:HR:MIN) CONTINUE RECORDING FOR 10 MINUTES FOLLOWING HCOR PASSTHROUGH ENABLE IN THE NEXT STEP	
208-021	KCTE	MS1	PCS HOME: C&T: COR: HCOR OVERVIEW: PASS THRU 'CONFIGURE PASS THRU' ENTER REQUIRED PENDING CHANNEL CONFIGURATION VALUES IN GUI FIELDS:	

CHANNEL	PASS THRU
1	ENABLE
2	DISABLE
3	DISABLE
4	DISABLE
5	DISABLE
6	DISABLE
7	DISABLE
8	DISABLE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			VERIFY: STATUS LINE: COMMAND ACCEPTED 'PASS THRU ENABLED' VALUES MATCH TABLE BELOW:	

CHANNEL	PASS THRU
1	✓
2	(BLANK)
3	(BLANK)
4	(BLANK)
5	(BLANK)
6	(BLANK)
7	(BLANK)
8	(BLANK)

208-022	KCTE	SCNT	C&T STATION PDA/FEP MONITOR DATA FOR A DURATION OF 5 MINUTES RECORD: RECEIVED APID:_____ TOTAL PACKETS RECEIVED:_____ RECEIVED ERROR TYPE/COUNT:_____	
208-023	KCTE	SCNT	C&T STATION PDA/FEP VERIFY: NO DROPPED PACKETS NO HEADER ERRORS NO IMMEDIATELY OBSERVED BITSTREAM DATA PATTERN ERRORS	
208-024	KCTE	SCNT	C&T STATION PDA/FEP VERIFY: NO DROPPED PACKETS NO HEADER ERRORS NO IMMEDIATELY OBSERVED BITSTREAM DATA PATTERN ERRORS ~OMRSD A3000MC.600-A (PARTIAL JEM HRMS TO USOS BITSTREAM)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
208-025	KCTE	SCNT	C&T STATION STOP HDGR RECORDING TAPE NO:_____ TAPE IDR:_____ GMT _____:_____:_____ (DAY:HR:MIN)	
208-026	KCTE	MS1	PCS HOME: C&T: COR: HCOR OVERVIEW: PASS THRU 'CONFIGURE PASS THRU' ENTER REQUIRED PENDING CHANNEL CONFIGURATION VALUES IN GUI FIELDS:	

CHANNEL	PASS THRU
1	DISABLE
2	DISABLE
3	DISABLE
4	DISABLE
5	DISABLE
6	DISABLE
7	DISABLE
8	DISABLE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

STATUS LINE: COMMAND ACCEPTED

'PASS THRU ENABLED'
VALUES MATCH TABLE BELOW:

CHANNEL	PASS THRU
1	(BLANK)
2	(BLANK)
3	(BLANK)
4	(BLANK)
5	(BLANK)
6	(BLANK)
7	(BLANK)
8	(BLANK)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP CMD RESP DESCRIPTION VERIF.

NOTE

PERFORM THE FOLLOWING STEP IF FURTHER HCOR SUPPORT IN CCSDS PASSTHROUGH CONFIGURATION IS REQUIRED PRIOR TO HCOR DEACTIVATION.

208-027 KCTE MS1 PCS
HOME: C&T: COR: HCOR OVERVIEW: INPUT CH STATUS:
INPUT CHANNEL CONFIGURATION

ENTER REQUIRED CHANNEL CONFIGURATION VALUES IN GUI FIELDS. THIS TABLE IS PERPENDICULAR TO THE PCS DISPLAY:

INPUT CHANNEL	MODE	RATE MBPS	T/O VALUE, MS	APID
1	CCSDS	5	4096	0
2	CCSDS	5	4096	0
3	CCSDS	5	4096	0
4	CCSDS	5	4096	0
5	CCSDS	5	4096	0
6	CCSDS	5	4096	0
7	CCSDS	5	4096	0
8	CCSDS	5	4096	0

VERIFY:
ALL REQUIRED VALUES MATCH TABLE ABOVE

CMD:
SET

GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:
STATUS LINE: COMMAND ACCEPTED
ALL ACTUAL INPUT CHANNEL CONFIGURATION VALUES MATCH PENDING VALUES ON DISPLAY

NOT PERFORMED:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
208-028	KCTE	TLM	JEM PM	
	TLM	MJ1	ISPR A5 UIP	
		DKQM	DISCONNECT SCAR CABLE 82K05692-2 P1 FROM UIP J7	
			OK TO DISCONNECT	TJW:_____
			DISCONNECT OK	TJW:_____
			UPDATE ECDL LINE ITEM # _____	
				TLNV:_____
208-029	KCTE	TLM	JEM PM	
	TLM	MJ1	ISPR F3 UIP	
		DKQM	DISCONNECT SCAR CABLE 82K05692-2 P1 FROM UIP J7	
			OK TO DISCONNECT	TJW:_____
			DISCONNECT OK	TJW:_____
			UPDATE ECDL LINE ITEM # _____	
				TLNV:_____
208-030	KCTE	SET1	US LAB EMULATOR CDH04 (PAYLOAD MDM RACK) PANEL A1/A2 (HRDL PATCHFIELD) DISCONNECT FIBER OPTIC ST PATCH CORDS PER TABLE BELOW:	

FROM	TO	REMARKS	T
A2 J17F	A2 J6F	PDG 1 FWD TO JEM ISPR-A5 IN	
A2 J18F	A1 J13F	PDG 2 FWD TO JEM ISPR-F3 IN	
A1 J7F	A2 J7F	HRMS 1 OUT TO HCOR IN 1	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			NOTE PERFORM THE FOLLOWING 3 STEPS AT THE DIRECTION OF KCTE IF HIGH RATE DATA SUPPORT IS NO LONGER REQUIRED.	
208-031	PTC	KCTE DKQM	PERFORM OMI R0031V1 SEQ 48 OPERATION SUPPORT SETUP: HRMS DEACTIVATION. START GMT: _____:_____:_____(DAY:HR:MIN) COMPLETE GMT: _____:_____:_____(DAY:HR:MIN)	NV:_____ NOT PERFORMED:_____
208-032	PTC	KCTE DKQM	PERFORM OMI R0031V1 SEQ 39 OPERATION SUPPORT SETUP: HRFM DVTM DEACTIVATION. START GMT: _____:_____:_____(DAY:HR:MIN) COMPLETE GMT: _____:_____:_____(DAY:HR:MIN)	NV:_____ NOT PERFORMED:_____
208-033	PTC	KCTE DKQM	PERFORM OMI R0031V1 SEQ 43 OPERATION SUPPORT SETUP: HCOR EDU DEACTIVATION. START GMT: _____:_____:_____(DAY:HR:MIN) COMPLETE GMT: _____:_____:_____(DAY:HR:MIN)	NV:_____ NOT PERFORMED:_____
208-034	TIE	PTC	HRMS MULTIPLEXED BITSTREAM RECORDING OBJECTIVE COMPLETE. GMT _____:_____:_____ (DAY:HR:MIN)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

209-000 **CDH BUS REDUNDANCY, LOCAL BUS**

209-001 PTC DKQM RECORD THE FOLLOWING INFORMATION:

GMT _____:_____:_____ (DAY:HR:MIN)

NV:_____

209-002 TIE 052 DKQM RECORD THE ACTUAL STATE FOR THE FOLLOWING EQUIPMENT

SYSTEM/ORU	REQUIRE STATE	ACTUAL STATE
USOS PAYLOAD MDM	OPERATIONAL	
JEM PAYLOAD DATA HANDLING UNIT (PDH)	OPERATIONAL	
USOS PAYLOAD PCS ON LB PL-JEM	CONNECTED	
CHECS ORU ON LBCHECS-JEM	CONNECTED	
PASS-1000 OR EQUIVALENT AS SIM. RT ON NASDA PL BUS E	CONNECTED	

NV:_____

209-003 PTC TLM TLM MJ1 RECORD ANY ACTIVE RTS ON LOCAL BUS LB PL-JEM, LB CHECS-JEM AND NASDA PL BUS E:

REMOTE TERMINAL

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

NOTE

PERFORM THE FOLLOWING STEP TO CONFIGURE FOR SYSTEM TESTING IF REQUIRED.

209-004 TIE DKQM

SEQUENCE TITLE	PROCEDURE	SEQUENCE #	START GMT	STOP GMT

NV:_____

NOT PERFORMED:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			LB PL-JEM BUS REDUNDANCY CHECKOUT	
209-005	KCDH TLM	TLM NSQ	VERIFY THAT THE MHI PROVIDED LB PL-JEM BUS JUMPER IS INSTALLED (IN PLACE OF THE EXPOSED FACILITY).	
				JV:_____
			NOTE A FLIGHT PCS CONNECTED UNDER THE PAYLOAD MDM ACTIVATES AS A PAYLOAD PCS. PAYLOAD DISPLAYS ARE NOT REQUIRED FOR THIS TEST.	
			NOTE PERFORM THE FOLLOWING STEP IF IT IS NECESSARY TO CONNECT THE USOS PAYLOAD PCS (DATA AND POWER CABLE) IN THE JEM MODULE ON UOP_B1_AD2. OTHERWISE, TAKE A 'NOT PERFORMED'	
209-006	PTC	KCDH DKQM	PERFORM OMI R2009 OPERATION SUPPORT SETUP SEQUENCE 01, CONNECT USOS PCS TO JEM MODULE UOP. REPORT COMPLETE. START GMT _____:_____:_____ (DAY:HR:MIN) COMPLETE GMT _____:_____:_____ (DAY:HR:MIN)	
				NV:_____
				NOT PERFORMED:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			NOTE PERFORM THE FOLLOWING STEP IF IT IS NECESSARY TO POWER ON THE JEM B1_AD2 UOP. OTHERWISE TAKE A 'NOT PERFORMED'.	
209-007	PTC	KCDH DKQM	PERFORM OMI R2009 OPERATION SUPPORT SETUP SEQUENCE 03, JEM UOP PANEL ACTIVATION OPTION G. REPORT COMPLETE. START GMT _____:_____:_____ (DAY:HR:MIN) COMPLETE GMT _____:_____:_____ (DAY:HR:MIN)	NV:_____ NOT PERFORMED:_____
			NOTE PERFORM THE FOLLOWING STEP IF IT IS NECESSARY TO ACTIVATE THE USOS PAYLOAD PCS.	
209-008	PTC	KCDH DKQM	PERFORM OMI R2009 OPERATION SUPPORT SETUP SEQUENCE 08, FLIGHT PCS ACTIVATION. REPORT COMPLETE. START GMT _____:_____:_____ (DAY:HR:MIN) COMPLETE GMT _____:_____:_____ (DAY:HR:MIN)	NV:_____ NOT PERFORMED:_____
209-009	KCDH	MS1	VERIFY THAT THE USOS PAYLOAD PCS ON LB PL-JEM IN JEM MODULE IS POWERED AND OPERATIONAL.	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
209-010	KCDH	MS1	RECORD ACTIVE BUS CHANNEL: _____ PUI: LADP10MD5327J	
			NOTE IF CHANNEL 'A' IS NOT THE ACTIVE CHANNEL ON THE LB PL-JEM BUS, PERFORM THE FOLLOWING STEP. OTHERWISE, TAKE A 'NOT PERFORMED'.	
209-011	KCDH	MS1	PCS C&DH:PRIMARY PL MDM:LB_PL_JEM_BUS STATUS 'LB_PL_JEM BUS STATUS' 1. CMD: SELECT CH A PUI: LADD95SM0004K EXECUTE GMT _____:_____:_____ (HR:MIN:SEC) 2. VERIFY: CHANNEL SELECTED – A PUI: LADP10MD5327J	
				NOT PERFORMED:_____
209-012	KCDH	MS1	PCS C&DH:PRIMARY PL MDM:LB_PL_JEM_BUS STATUS 'LB_PL_JEM BUS STATUS' 1. CMD: AUTO CHANNEL SWITCH STATUS - INHIBIT PUI: LADD96IM0727K EXECUTE GMT _____:_____:_____ (HR:MIN:SEC) 2. VERIFY: AUTO CHANNEL SWITCH STATUS – INH PUI: LADP10MD5317J	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

NOTE

IN THE FOLLOWING STEP, A 'GOOD POLLING RESPONSE' IS DEFINED AS THE RESPONSE FROM THE REMOTE TERMINAL IS WITHOUT ERROR. THIS IS VERIFIED WITH A PASS-1000, WHICH SHOWS NO ERRORS WITH A GREEN BAR FOR EACH RT. PASS OPERATOR WILL ALSO VERIFY THAT THE PASS-1000 BUS ERROR COUNTER IS NOT INCREMENTING. ANY RED OR YELLOW INDICATIONS SHOULD BE REPORTED TO KCDH.

209-013 KCDH SSFE PASS-1000

1. VERIFY:
   GOOD REMOTE TERMINAL POLLING RESPONSE FOR PAYLOAD PCS.

2. START RECORDING LB-PL-JEM BUS DATA
   LOG FILENAME: _____
   RECORD RT #: _____

   GMT _____:_____:_____ (DAY:HR:MIN)

209-014 KCDH MS1 PCS
C&DH:PRIMARY PL MDM:LB_PL_JEM_BUS STATUS

'LB_PL_JEM BUS STATUS'

1. RECORD BUS ERROR COUNTER: _____
   PUI: LADP10MD5337J

2. RECORD CHANNEL SWITCH COUNTER: _____
   PUI: LADP10MD5307J

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
209-015	KCDH	MS1	PCS C&DH:PRIMARY PL MDM:LB_PL_JEM_BUS STATUS 'LB_PL_JEM BUS STATUS' 1. CMD: SELECT CH B PUI: LADD95SM0004K EXECUTE GMT _____:_____:_____ (HR:MIN:SEC) 2. VERIFY: CHANNEL SELECTED – B PUI: LADP10MD5327J 3. RECORD BUS ERROR COUNTER: _____ PUI: LADP10MD5337J 4. VERIFY BUS ERROR COUNTER – NOT INCREMENTING 5. RECORD CHANNEL SWITCH COUNTER: _____ PUI: LADP10MD5307J 6. VERIFY CHANNEL SWITCH COUNTER HAS INCREMENTED BY ONE. **NOTE** WAIT A MINIMUM OF THREE MINUTES BEFORE PROCEEDING WITH THE FOLLOWING STEP.	
209-016	KCDH	SSFE	PASS-1000 VERIFY: GOOD REMOTE TERMINAL POLLING RESPONSE FOR PAYLOAD PCS. ~OMRSD A3000MD.100-E (CHANNEL B – GOOD POLLING RESPONSE FOR ACTIVE RT)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
209-017	KCDH	MS1	PCS C&DH:PRIMARY PL MDM:LB_PL_JEM_BUS STATUS 'LB_PL_JEM BUS STATUS' 1. RECORD BUS ERROR COUNTER: _____ PUI: LADP10MD5337J 2. VERIFY BUS ERROR COUNTER IS NOT INCREMENTING. 3. RECORD CHANNEL SWITCH COUNTER: _____ PUI: LADP10MD5307J 4. VERIFY CHANNEL SWITCH COUNTER IS NOT INCREMENTING. ~OMRSD A3000MD.100-E (CHANNEL B – BUS SWITCHOVER OCCURRED WITHOUT BUS DROPOUTS)	
209-018	KCDH	MS1	PCS C&DH:PRIMARY PL MDM:LB_PL_JEM_BUS STATUS 'LB_PL_JEM BUS STATUS' 1. CMD: SELECT CH A PUI: LADD95SM0004K EXECUTE GMT _____:_____:_____ (HR:MIN:SEC) 2. VERIFY: CHANNEL SELECTED – A PUI: LADP10MD5327J 3. RECORD BUS ERROR COUNTER: _____ PUI: LADP10MD5337J 4. VERIFY BUS ERROR COUNTER – NOT INCREMENTING 5. RECORD CHANNEL SWITCH COUNTER: _____ PUI: LADP10MS5307J 6. VERIFY CHANNEL SWITCH COUNTER HAS INCREMENTED BY ONE.	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			NOTE WAIT A MINIMUM OF THREE MINUTES BEFORE PROCEEDING WITH THE FOLLOWING STEP.	
209-019	KCDH	SSFE	PASS-1000 VERIFY: GOOD REMOTE TERMINAL POLLING RESPONSE FOR PAYLOAD PCS. ~OMRSD A3000MD.100-E (CHANNEL A – GOOD POLLING RESPONSE FOR ACTIVE RT)	
209-020	KCDH	MS1	PCS C&DH:PRIMARY PL MDM:LB_PL_JEM_BUS STATUS 'LB_PL_JEM BUS STATUS' 1. RECORD BUS ERROR COUNTER: _____ PUI: LADP10MD5337J 2. VERIFY BUS ERROR COUNTER IS NOT INCREMENTING. 3. RECORD CHANNEL SWITCH COUNTER: _____ PUI: LADP10MD5307J 4. VERIFY CHANNEL SWITCH COUNTER IS NOT INCREMENTING. ~OMRSD A3000MD.100-E (CHANNEL A – BUS SWITCHOVER OCCURRED WITHOUT BUS DROPOUTS)	
209-021	KCDH	SSFE	PASS-1000 STOP RECORDING LB PL-JEM BUS DATA GMT _____:_____:_____ (DAY:HR:MIN)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
209-022	KCDH	MS1	PCS C&DH:PRIMARY PL MDM:LB_PL_JEM_BUS STATUS 'LB_PL_JEM BUS STATUS' 1. CMD: AUTO CHANNEL SWITCH STATUS – ENABLE PUI: LADD95SM0069K EXECUTE GMT _____:_____:_____ (HR:MIN:SEC) 2. VERIFY: AUTO CHANNEL SWITCH STATUS – ENA PUI: LADP10MD5317J **NOTE** PERFORM THE FOLLOWING STEP IF IT IS NECESSARY TO DEACTIVATE THE PAYLOAD PCS. OTHERWISE, TAKE A 'NOT PERFORMED'.	
209-023	PTC	KCDH DKQM	PERFORM OMI R2009 OPERATION SUPPORT SETUP SEQUENCE 09, FLIGHT PCS DEACTIVATION. REPORT COMPLETE. START GMT _____:_____:_____ (DAY:HR:MIN) COMPLETE GMT _____:_____:_____ (DAY:HR:MIN)	

NV:_____

NOT PERFORMED:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			NOTE PERFORM THE FOLLOWING STEP IF IT IS NECESSARY TO POWER DOWN THE JEM UOP_B1_AD2 UOP. OTHERWISE TAKE A 'NOT PERFORMED'.	
209-024	PTC	KCDH DKQM	PERFORM OMI R2009 OPERATION SUPPORT SETUP SEQUENCE 04, JEM UOP PANEL DEACTIVATION OPTION G. REPORT COMPLETE. START GMT _____:_____:_____ (DAY:HR:MIN) COMPLETE GMT _____:_____:_____ (DAY:HR:MIN)	NV:_____ NOT PERFORMED:_____
			NOTE PERFORM THE FOLLOWING STEP IF IS NECESSARY TO DISCONNECT THE USOS PAYLOAD PCS (DATA AND POWER CABLE) IN THE JEM MODULE ON UOP_B1_AD2. OTHERWISE, TAKE A 'NOT PERFORMED'	
209-025	PTC	KCDH DKQM	PERFORM OMI R2009 OPERATION SUPPORT SETUP SEQUENCE 02, DISCONNECT USOS PCS FROM JEM MODULE UOP. REPORT COMPLETE. START GMT _____:_____:_____ (DAY:HR:MIN) COMPLETE GMT _____:_____:_____ (DAY:HR:MIN)	NV:_____ NOT PERFORMED:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

LB CHECS-JEM BUS REDUNDANCY CHECKOUT

209-026	KCDH	SSFE	VERIFY THAT THE NODE2 PROVIDED CAM JUMPER IS INSTALLED ON NODE2 ZENITH BULKHEAD.	

NOTE

PERFORM THE FOLLOWING STEP IF IS NECESSARY TO CONNECT THE CHECS HARDWARE OR EQUIVALENT RT IN THE JEM MODULE ON UOP_A1_FD2. OTHERWISE, TAKE A 'NOT PERFORMED'

209-027	PTC	KCDH DKQM	PERFORM PRE-OPERATION SETUP PER R0031V1 SEQUENCE 06, CHECS HARDWARE CONFIGURATION. REPORT COMPLETE.	

START GMT _____:_____:_____ (DAY:HR:MIN)

COMPLETE GMT _____:_____:_____ (DAY:HR:MIN)

NV:_____

NOT PERFORMED:_____

NOTE

PERFORM THE FOLLOWING STEP IF IT IS NECESSARY TO POWER ON THE JEM UOP_A1_FD2 UOP. OTHERWISE TAKE A 'NOT PERFORMED'.

209-028	PTC	KCDH DKQM	PERFORM OMI R2009 OPERATION SUPPORT SETUP SEQUENCE 03, JEM UOP PANEL ACTIVATION OPTION F. REPORT COMPLETE.	

START GMT _____:_____:_____ (DAY:HR:MIN)

COMPLETE GMT _____:_____:_____ (DAY:HR:MIN)

NV:_____

NOT PERFORMED:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
209-029	KCDH	MS1	PCS ISS HOMEPAGE:CDH:PRIMARY PL MDM:CHECS RT 'CHECS RT STATUS' VERIFY FOR RT 27 CPDS IV: 1. ACTIVE BUS – NOT ACTIVE ENG: CPDSIV ACTIVE BUS STATUS PUI: LADP10MD5747J 2. RT I/O STATUS – ENA ENG: MUE PEP CPDS IV IO INHIBITED PUI: LADP10MD5477J **NOTE** BEFORE THE CHECS ORU IS ACTIVATED, KCDH SHOULD VERIFY THAT THE CB-INT-1 BUS IS BEING RECORDED BY TCMS AND THE LB CHECS-JEM BUS IS BEING RECORDED BY THE PASS-1000.	
209-030	KCDH		VERIFY TCMS IS RECORDING CB-INT-1 BUS	
209-031	KCDH	SSFE	PASS-1000 1. BEGIN RECORDING LB CHECS-JEM BUS DATA RECORD: RT # 27 ALL SUBADDRESSES LOG FILENAME: _____ GMT _____:_____:_____ (DAY:HR:MIN)	
209-032	PTC	KCDH DKQM	PERFORM OPERATION SUPPORT SETUP PER SEQUENCE 36, CHECS ACTIVATION. REPORT COMPLETE. START GMT _____:_____:_____ (DAY:HR:MIN) COMPLETE GMT _____:_____:_____ (DAY:HR:MIN)	

NV:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
209-033	KCDH	MS1	PCS ISS HOMEPAGE:CDH:PRIMARY PL MDM:CHECS RT 'CHECS RT STATUS' VERIFY FOR RT 27 CPDS IV: 1. ACTIVE BUS – CHECS-JEM ENG: CPDSIV ACTIVE BUS STATUS PUI: LADP10MD5747J 2. RT I/O STATUS – ENA ENG: MUE PEP CPDS IV IO INHIBITED PUI: LADP10MD5477J	
209-034	KCDH	MS1	RECORD ACTIVE BUS CHANNEL: _____ PUI: LADP10MD5329J **NOTE** IF CHANNEL 'A' IS NOT THE ACTIVE CHANNEL ON THE LB CHECS-JEM BUS, PERFORM THE FOLLOWING STEP. OTHERWISE, TAKE A 'NOT PERFORMED'.	
209-035	KCDH	MS1	PCS C&DH:PRIMARY PL MDM:LB_CHECS_JEM_BUS STATUS 'LB_CHECS_JEM_BUS_STATUS' 1. CMD: SELECT CH A PUI: LADD95SM0004K EXECUTE GMT _____:_____:_____ (HR:MIN:SEC) 2. VERIFY: CHANNEL SELECTED – A PUI: LADP10MD5329J	

NOT PERFORMED:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
209-036	KCDH	MS1	PCS C&DH:PRIMARY PL MDM:LB_CHECS_JEM_BUS STATUS 'LB_CHECS_JEM_BUS_STATUS' 1. CMD: AUTO CHANNEL SWITCH STATUS – INHIBIT PUI: LADD96IM0727K EXECUTE GMT _____:_____:_____ (HR:MIN:SEC) 2. VERIFY: AUTO CHANNEL SWITCH STATUS – INH PUI: LADP10MD5319J **NOTE** IN THE FOLLOWING STEP, A 'GOOD POLLING RESPONSE' IS DEFINED AS THE RESPONSE FROM THE REMOTE TERMINAL IS WITHOUT ERROR. THIS IS VERIFIED WITH A PASS-1000, WHICH SHOWS NO ERRORS WITH A GREEN BAR FOR EACH RT. PASS OPERATOR WILL ALSO VERIFY THAT THE PASS-1000 BUS ERROR COUNTER IS NOT INCREMENTING. ANY RED OR YELLOW INDICATIONS SHOULD BE REPORTED TO KCDH.	
209-037	KCDH	SSFE	PASS-1000 VERIFY: GOOD REMOTE TERMINAL POLLING RESPONSE FOR CHECS RT.	
209-038	KCDH	MS1	PCS C&DH:PRIMARY PL MDM:LB_CHECS_JEM_BUS STATUS 'LB_CHECS_JEM BUS STATUS' 1. RECORD BUS ERROR COUNTER: _____ PUI: LADP10MD5339J 2. RECORD CHANNEL SWITCH COUNTER: _____ PUI: LADP10MD5309J	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
209-039	KCDH	MS1	PCS C&DH:PRIMARY PL MDM:LB_CHECS_JEM_BUS STATUS 'LB_CHECS_JEM BUS STATUS' 1. CMD: SELECT CH B PUI: LADD95SM0004K EXECUTE GMT _____:_____:_____ (HR:MIN:SEC) 2. VERIFY: CHANNEL SELECTED – B PUI: LADP10MD5329J 3. RECORD BUS ERROR COUNTER: _____ PUI: LADP10MD5339J 4. VERIFY BUS ERROR COUNTER – NOT INCREMENTING 5. RECORD CHANNEL SWITCH COUNTER: _____ PUI: LADP10MD5309J 6. VERIFY CHANNEL SWITCH COUNTER HAS INCREMENTED BY ONE. **NOTE** WAIT A MINIMUM OF THREE MINUTES BEFORE PROCEEDING WITH THE FOLLOWING STEP.	
209-040	KCDH	SSFE	PASS-1000 VERIFY: GOOD REMOTE TERMINAL POLLING RESPONSE FOR CHECS RT. ~OMRSD A3000MD.100-C (CHANNEL B – GOOD POLLING RESPONSE FOR ACTIVE RT)	
209-041	KCDH	MS1	TCMS (DMON) 1. RECORD CHECS MODE: _____ PUI: USFC08FC1017U 2. VERIFY CHECS MODE – STANDBY OR ACQUISITION	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
209-042	KCDH	MS1	PCS C&DH:PRIMARY PL MDM:LB_CHECS_JEM_BUS STATUS 'LB_CHECS_JEM BUS STATUS' 1. RECORD BUS ERROR COUNTER: _____ PUI: LADP10MD5339J 2. VERIFY BUS ERROR COUNTER -- NOT INCREMENTING. 3. RECORD CHANNEL SWITCH COUNTER: _____ PUI: LADP10MD5309J 4. VERIFY CHANNEL SWITCH COUNTER IS NOT INCREMENTING. ~OMRSD A3000MD.100-C (CHANNEL B – BUS SWITCHOVER OCCURRED WITHOUT BUS DROPOUTS)	
209-043	KCDH	MS1	PCS C&DH:PRIMARY PL MDM:LB_CHECS_JEM_BUS STATUS 'LB_CHECS_JEM BUS STATUS' 1. CMD: SELECT CH A PUI: LADD95SM0004K EXECUTE GMT _____:_____:_____ (HR:MIN:SEC) 2. VERIFY: CHANNEL SELECTED – A PUI: LADP10MD5329J 3. RECORD BUS ERROR COUNTER: _____ PUI: LADP10MD5339J 4. VERIFY BUS ERROR COUNTER – NOT INCREMENTING 5. RECORD CHANNEL SWITCH COUNTER: _____ PUI: LADP10MD5309J 6. CHANNEL SWITCH COUNTER INCREMENTED BY ONE.	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

NOTE

WAIT A MINIMUM OF THREE MINUTES BEFORE PROCEEDING WITH THE FOLLOWING STEP.

209-044 KCDH SSFE PASS-1000

VERIFY:
GOOD REMOTE TERMINAL POLLING RESPONSE FOR CHECS RT.

~OMRSD A3000MD.100-C (CHANNEL A – GOOD POLLING RESPONSE FOR ACTIVE RT)

209-045 KCDH MS1 TCMS (DMON)

1. RECORD CHECS MODE: _____
   PUI: USFC08FC1017U
2. VERIFY CHECS MODE – STANDBY OR ACQUISITION

209-046 KCDH MS1 PCS
C&DH:PRIMARY PL MDM:LB_CHECS_JEM_BUS STATUS

'LB_CHECS_JEM BUS STATUS'

1. RECORD BUS ERROR COUNTER: _____
   PUI: LADP10MD5339J

2. VERIFY BUS ERROR COUNTER IS NOT INCREMENTING.

3. RECORD CHANNEL SWITCH COUNTER: _____
   PUI: LADP10MD5309J

4. VERIFY CHANNEL SWITCH COUNTER IS NOT INCREMENTING.

~OMRSD A3000MD.100-C (CHANNEL A – BUS SWITCHOVER OCCURRED WITHOUT BUS DROPOUTS)

209-047 KCDH SSFE PASS-1000

STOP RECORDING LB-CHECS-JEM BUS DATA

GMT _____:_____:_____ (DAY:HR:MIN)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
209-048	PTC	KCDH DKQM	PERFORM CHECS DATA ACQUISITION OPS SUPPORT SETUP SEQUENCE 49. REPORT COMPLETE. START GMT _____:_____:_____ (DAY:HR:MIN) COMPLETE GMT _____:_____:_____ (DAY:HR:MIN)	NV:_____
209-049	PTC	KCDH DKQM	PERFORM OPERATION SUPPORT SETUP SEQUENCE 37 FOR CHECS DEACTIVATION. REPORT COMPLETE. START GMT _____:_____:_____ (DAY:HR:MIN) COMPLETE GMT _____:_____:_____ (DAY:HR:MIN)	NV:_____
209-050	KCDH	MS1	PCS ISS HOMEPAGE:CDH:PRIMARY PL MDM:CHECS RT 'CHECS RT STATUS' VERIFY FOR RT 27 CPDS IV: ACTIVE BUS – NOT ACTIVE ENG: CPDSIV ACTIVE BUS STATUS PUI: LADP10MD5747J	
209-051	KCDH	MS1	PCS C&DH:PRIMARY PL MDM:LB_CHECS_JEM_BUS STATUS 'LB_CHECS_JEM BUS STATUS' 1. CMD: AUTO CHANNEL SWITCH STATUS - ENABLE PUI: LADD95SM0069K EXECUTE 2. VERIFY: AUTO CHANNEL SWITCH STATUS – ENA PUI: LADP10MD5319J	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			NOTE PERFORM THE FOLLOWING STEP IF IT IS NECESSARY TO POWER DOWN THE JEM UOP_A1_FD2 UOP. OTHERWISE TAKE A 'NOT PERFORMED'.	
209-052	PTC	KCDH DKQM	PERFORM OMI R2009 OPERATION SUPPORT SETUP SEQUENCE 04, JEM UOP PANEL DEACTIVATION OPTION F. REPORT COMPLETE. START GMT _____:_____:_____ (DAY:HR:MIN) COMPLETE GMT _____:_____:_____ (DAY:HR:MIN)	NV:_____ NOT PERFORMED:_____
			NOTE PERFORM THE FOLLOWING STEP IF IS NECESSARY TO DISCONNECT THE CHECS HARDWARE OR EQUIVALENT RT IN THE JEM MODULE ON UOP_A1_FD2. OTHERWISE, TAKE A 'NOT PERFORMED'	
209-053	PTC	KCDH DKQM	PERFORM POST-OPERATION R0031V1 SEQUENCE 90, CHECS HARDWARE DE-CONFIGURATION. REPORT COMPLETE. START GMT _____:_____:_____ (DAY:HR:MIN) COMPLETE GMT _____:_____:_____ (DAY:HR:MIN)	NV:_____ NOT PERFORMED:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

NASDA PL BUS E REDUNDANCY CHECKOUT

NOTE

IF THE PASS-1000(FIELDWORKS) OR EQUIVALENT SIMULATING A NASDA PAYLOAD NEEDS TO BE CONNECTED ON NASDA PL BUS E, PERFORM THE FOLLOWING STEP. OTHERWISE, TAKE A 'NOT PERFORMED' ON THE FOLLOWING STEP.

209-054 KCDH SSFE CONNECT PASS 1000(FIELDWORKS)OR EQUIVALENTTO THE JEM NASDA PL BUS E(1553 DATA BUS) CHANNELS A AND B.

NOT PERFORMED:_____

NOTE

PERFORM THE FOLLOWING STEP IF THE JEM PDH BOXES (PDH-A AND PDH-B) ARE NOT ACTIVATED. IF EITHER JEM PDH BOX IS ACTIVATED, TAKE A 'NOT PERFORMED' ON THE FOLLOWING STEP.

209-055 PTC KCDH DKQM PERFORM OPS-SUPPORT SETUP JEM PDH ACTIVATION OPTION A (FOR PDH-A ACTIVATION).

START GMT _____:_____:_____ (DAY:HR:MIN)

COMPLETE GMT _____:_____:_____ (DAY:HR:MIN)

NV:_____

NOT PERFORMED:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
209-056	KCDH	SSFE	RECORD ACTIVE BUS CHANNEL: _____	
			NOTE IF CHANNEL 'A' IS NOT THE ACTIVE CHANNEL ON THE NASDA PL BUS E, PERFORM THE FOLLOWING STEP. OTHERWISE, TAKE A 'NOT PERFORMED' ON THE FOLLOWING TWO STEPS.	
			NOTE THE FOLLOWING STEP IS USED TO CHANGE CHANNELS FOR BROADCAST MESSAGES ON NASDA PL BUS E.	
209-057	KCDH	SSFE	CES MATE LOAD AND RUN MATE SCRIPT MEIT3_MATE_CMDS INDEX: 0X004A CMD: JPM_CDH_PDH_(LB_PL_JEM)_BRDCST_CH_SEL_TMPLT – CHANNEL A, PL_BUS_E PUI: JSDD96IM0167K PARAMETER: 6 (CH_A) PARAMETER: 4 (PL_BUS_E) GMT _____:_____:_____ (HR:MIN:SEC)	
			NOTE THE FOLLOWING STEP IS USED TO CHANGE CHANNELS FOR NASDA PL BUS E RT 27.	
209-058	KCDH	SSFE	CES MATE LOAD AND RUN MATE SCRIPT MEIT3_MATE_CMDS INDEX: 0X0122 CMD: JPM_CDH_PDH_(LB_PL_JEM)_RT_CH_SEL_TMPLT – CHANNEL A, PL_BUS_E PUI: JSDD96IM0168K PARAMETER: 8 (CH_A) PARAMETER: 155 (PL_BUS_E RT 27) GMT _____:_____:_____ (HR:MIN:SEC)	

NOT PERFORMED:_____
(PREVIOUS 2 STEPS)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			NOTE THE FOLLOWING STEP WILL CONFIGURE THE PASS-1000 AS A SIMULATED PAYLOAD ON THE NASDA PL BUS E.	
209-059	KCDH	SSFE	PASS 1000(FIELDWORKS) OR EQUIVALENT() 1. SELECT AND EXECUTE FILE - JEM_WRAP (LOCATED IN 'DIAGDUMP' DIRECTORY ON FIELDWORKS) 2. VERIFY PASS-1000(FIELDWORKS) OR EQUIVALENT IS CONFIGURED TO SIMULATE A NASDA PAYLOAD	
209-060	KCDH	SSFE	PASS 1000 (BUS MONITOR) BEGIN RECORDING NASDA PL BUS E BUS DATA RECORD: RT# 27 AND RT# 31 ALL SUBADDRESSES RECORD LOG FILENAME: _____ GMT _____:_____:_____ (DAY:HR:MIN)	
209-061	KCDH	SSFE	PASS 1000(BUS MONITOR) VERIFY BROADCAST MESSAGES(RT 31) ON CHANNEL A.	
			NOTE THE FOLLOWING STEP IS USED TO CHANGE CHANNELS FOR BROADCAST MESSAGES ON NASDA PL BUS E.	
209-062	KCDH	SSFE	CES MATE LOAD AND RUN MATE SCRIPT MEIT3_MATE_CMDS INDEX: 0X004B CMD: JPM_CDH_PDH_(LB_PL_JEM)_BRDCST_CH_SEL_TMPLT – CHANNEL B, PL_BUS_E PUI: JSDD96IM0167K PARAMETER: 7 (CH_B) PARAMETER: 4 (PL_BUS_E) GMT _____:_____:_____ (HR:MIN:SEC)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

NOTE

THE FOLLOWING STEP IS USED TO CHANGE
CHANNELS FOR NASDA PL BUS E RT 27.

209-063 KCDH SSFE CES MATE
LOAD AND RUN MATE SCRIPT
MEIT3_MATE_CMDS
INDEX: 0X0123

CMD: JPM_CDH_PDH_(LB_PL_JEM)_RT_CH_SEL_TMPLT –
CHANNEL B, PL_BUS_E
PUI: JSDD96IM0168K
PARAMETER: 9 (CH_B)
PARAMETER: 155 (PL_BUS_E RT 27)

GMT _____:_____:_____ (HR:MIN:SEC)

NOTE:

WAIT A MINIMUM OF THREE MINUTES BEFORE
PROCEEDING WITH THE FOLLOWING STEP.

209-064 KCDH SSFE PASS 1000(BUS MONITOR)
VERIFY BROADCAST MESSAGES(RT 31) ON CHANNEL B
FOR THE PREVIOUS THREE MINUTES.

209-065 KCDH SSFE CES MATE
LOAD AND RUN MATE SCRIPT
MEIT3_MATE_CMDS
INDEX: 0X0124

CMD: SEND_MODE_CODE_PL_BUS_E_RT27_(LAP4)_TMPLT
PUI: JSDD96IM0362K
PARAMETERS:
APID: 29
APID_EXT: 155
DW#9: 3280H
DW#10: 0505H
DW#11: CHECKSUM

GMT _____:_____:_____ (HR:MIN:SEC)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			NOTE GOOD POLLING RESPONSE IS VERIFIED BY NO 1553 ERRORS DETECTED DURING THE TRANSFER OF THE MODE CODE COMMANDS/RESPONSES AND OF THE BROADCAST MESSAGES.	
209-066	KCDH	SSFE	PASS 1000 (BUS MONITOR) VERIFY: STATUS WORD SENT TO BUS CONTROLLER ON CHANNEL B. ~OMRSD A3000MD.100-D (CHANNEL B – BUS SWITCHOVER OCCURRED WITHOUT BUS DROPOUTS) ~OMRSD A3000MD.100-D (CHANNEL B – GOOD POLLING RESPONSE FOR ACTIVE RT)	
			NOTE THE FOLLOWING STEP IS USED TO CHANGE CHANNELS FOR BROADCAST MESSAGES ON NASDA PL BUS E.	
209-067	KCDH	SSFE	CES MATE LOAD AND RUN MATE SCRIPT MEIT3_MATE_CMDS INDEX: 0X004A CMD: JPM_CDH_PDH_(LB_PL_JEM)_BRDCST_CH_SEL_TMPLT – CHANNEL A, PL_BUS_E PUI: JSDD96IM0167K PARAMETER: 6 (CH_A) PARAMETER: 4 (PL_BUS_E) GMT _____:_____:_____ (HR:MIN:SEC)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			NOTE THE FOLLOWING STEP IS USED TO CHANGE CHANNELS FOR NASDA PL BUS E RT 27.	
209-068	KCDH	SSFE	CES MATE LOAD AND RUN MATE SCRIPT MEIT3_MATE_CMDS INDEX: 0X0122 CMD: JPM_CDH_PDH_(LB_PL_JEM)_RT_CH_SEL_TMPLT – CHANNEL A, PL_BUS_E PUI: JSDD96IM0168K PARAMETER: 8 (CH_A) PARAMETER: 155 (PL_BUS_E RT 27) GMT _____:_____:_____ (HR:MIN:SEC)	
			NOTE: WAIT A MINIMUM OF THREE MINUTES BEFORE PROCEEDING WITH THE FOLLOWING STEP.	
209-069	KCDH	SSFE	PASS 1000(BUS MONITOR) VERIFY BROADCAST MESSAGES(RT 31) ON CHANNEL A FOR THE PREVIOUS THREE MINUTES.	
209-070	KCDH	SSFE	CES MATE LOAD AND RUN MATE SCRIPT MEIT3_MATE_CMDS INDEX: 0X0124 CMD: SEND_MODE_CODE_PL_BUS_E_RT27_(LAP4)_TMPLT PUI: JSDD96IM0362K PARAMETERS: APID: 29 APID_EXT: 155 DW#9: 3280H DW#10: 0505H DW#11: CHECKSUM GMT _____:_____:_____ (HR:MIN:SEC)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
209-071	KCDH	SSFE	PASS 1000 (BUS MONITOR) VERIFY: STATUS WORD SENT TO BUS CONTROLLER ON CHANNEL A. ~OMRSD A3000MD.100-D (CHANNEL A – GOOD POLLING RESPONSE FOR ACTIVE RT) ~OMRSD A3000MD.100-D (CHANNEL A – BUS SWITCHOVER OCCURRED WITHOUT BUS DROPOUTS)	
209-072	KCDH	SSFE	PASS-1000 (BUS MONITOR) STOP RECORDING NASDA PL BUS E BUS DATA GMT _____:_____:_____ (DAY:HR:MIN) **NOTE:** PERFORM THE FOLLOWING STEP IF JEM PDH-A IS NO LONGER REQUIRED TO SUPPORT TEST ACTIVITIES.	
209-073	PTC	KCDH DKQM	PERFORM OPS-SUPPORT SETUP JEM PDH DEACTIVATION FOR PDH-A. START GMT _____:_____:_____ (DAY:HR:MIN) COMPLETE GMT _____:_____:_____ (DAY:HR:MIN)	NV:_____ NOT PERFORMED:_____
209-074	KCDH PTC 052	PTC DKQM	CDH BUS REDUNDANCY, LOCAL BUS COMPLETE. GMT: _____:_____:_____ (DAY:HR:MIN)	NV:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-000			**JEM RMS GNC MASS PROPERTIES TEST**	
210-001	PTC 052	DKQM	RECORD THE FOLLOWING INFORMATION: GMT: _____:_____:_____ (DAY:HR:MIN)	NV:_____
210-002	TIE 052	DKQM	RECORD THE ACTUAL STATE FOR THE FOLLOWING EQUIPMENT	NV:_____

SYSTEM/ORU	REQUIRED STATE	ACTUAL STATE
GNC	UDG	
RWS	ACTIVE	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

NOTE

PERFORM THE FOLLOWING STEP TO CONFIGURE FOR SYSTEM TESTING IF REQUIRED.

210-003 TIE DKQM

SEQUENCE TITLE	PROCEDURE	SEQUENCE #	START GMT	STOP GMT

NV:_____

NOT PERFORMED:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			NOTE IF JEM RMS CONSOLE IS NOT ALREADY ACTIVATED PERFORM THE FOLLOWING STEP	
210-004	PTC	KCTE	PROCEED WITH OPERATION SUPPORT SETUP – TITLE: JEM RMS CONSOLE ACTIVATION OMI NO.: _____ SEQ. NO.: _____ RECORD THE FOLLOWING INFORMATION: START GMT _____:_____:_____ (DAY:HR:MIN) COMPLETE GMT _____:_____:_____ (DAY:HR:MIN)	
				NV:_____
				NOT PERFORMED:_____
210-005	KCTE	KCDH	TRANSITIONING ISS MODE TO EXTERNAL OPERATION **TRANSITION STATION MODE FROM STANDARD TO EVA (EXTERNAL OPS) MODE** **NOTE** THE FOLLOWING TWO STEPS ARE USED TO SETUP A MODE TRANSITION COMMAND.	
210-006	KCDH	MS1	PCS C&DH SUMMARY:STATION MODE:EVA ‘TRANSITION VALIDITY’ ‘CHECKS INHIBIT’ 1. CMD: ARM <EXECUTE> PUI: LADD96IM0246K OPS:PRIM_CCS_ARM_XTION_VALIDITY_CHECKS_INH GMT _____:_____:_____ (HR:MIN:SEC) 2. VERIFY: CHECKS INHIBIT – ARM PUI: LADP01MDARHLJ ENG: SMC CVT TRANSITION VALIDATION DISABLE AUTHORIZATION	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-007	KCDH	MS1	PCS C&DH SUMMARY:STATION MODE:EVA ‘TRANSITION VALIDITY’ ‘CHECKS INHIBIT’ 1. CMD: INHIBIT <EXECUTE> PUI: LADD96IM1020K OPS:PRIM_CCS_INH_XTION_VALIDITY_CHECKS GMT _____:_____:_____ (HR:MIN:SEC) 2. VERIFY: CHECKS INHIBIT – DISARM PUI: LADP01MDARHLJ ENG: SMC CVT TRANSITION VALIDATION DISABLE AUTHORIZATION 3. VERIFY: CHECKS STATE STATUS – INH PUI: LADP01MDARHFJ ENG: SMC CVT TRANSITION VALIDATION CHECK ‘MANUAL TRANSITION’ 4. VERIFY: IP MODE COORDINATION IN PROGRESS - BLANK PUI: LADP01MDARHIJ ENG: SMC CVT IP MODE COORDINATION IN PROGRESS 5. VERIFY: TRANSITION IN PROGRESS – BLANK PUI: LADP01MDARI1J ENG: SMC CVT TRANSITION IN PROGRESS	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

TRANSITION TO EVA (EXTERNAL OPS) MODE

NOTE

ONCE THE TRANSITION TO EVA COMMAND HAS BEEN EXECUTED, THE CONFIRM TRANSITION COMMAND MUST BE EXECUTED WITHIN 1 MINUTE.

210-008 KCDH MS1 PCS
C&DH SUMMARY:STATION MODE:EVA

'MANUAL TRANSITION'

1. CMD: TRANSITION TO EVA <EXECUTE>
   PUI: LADD96IM0259K
   OPS:PRIM_CCS_XTION_STATION_MODE_EXT_OPS

   GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

2. IP MODE COORDINATION IN PROGRESS - X

3. VALIDITY CHECKS PASSED - CONFIRM

4. VALIDITY CHECKS FAILED - BLANK

5. TRANSITION CONFIRMATION INVALID - BLANK

6. TRANSITION CANCELLED - BLANK

210-009 KCDH MS1 PCS
C&DH SUMMARY:STATION MODE:EVA

'MANUAL TRANSITION'

1. CMD: CONFIRM TRANSITION <EXECUTE>
   PUI: LADD96IM0254K
   ENG:PRIM_CCS_XTION_CMD_CONFIRM

GMT _____:_____:_____ (HR:MIN:SEC)

2. VERIFY: CURRENT STATION MODE – EXT OPS
   PUI: LADP01MDARHWJ
   ENG: SMC CVT COMMANDED STATION MODE

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-010	KCTE	TLM	SLT	
	TLM	SLT	JEM(HOMEPAGE)	
			1. 'JEM' VERIFY ISS MODE IS IN EXTERNAL OPERATION.	
			2. 'APV' ALL FAS PROCEDURES ARE REMOVED	
210-011	KCTE	TLM	SLT	
	TLM	SLT	JEM(HOMEPAGE):JEM MODE	
			'JEM MODE CMD' CMD: ROBOTICS_OPERATION PUI: JSDD96IM0233K OPS: PRIM_JCP_SEL_JEM_MODE_TMPLT PARAMETER: 4 (ROBOTIC_OPERATION) EXECUTE GMT _____:_____:_____ (HR:MIN:SEC)	
210-012	KCTE	TLM	SLT	
	TLM	SLT	JEM(HOMEPAGE) 'JEM' VERIFY: JEM MODE - ROBOTICS OPERATION ENG: JEM MODE STATUS PUI: JSDC00SWZ601J	
210-013	KCTE	TLM	ACTIVATE JEM RMS ARM SIMULATOR AND REPORT WHEN	
	TLM	RLT	COMPLETE RECORD THE PROCEDURE THAT RUNS JEM RMS ARM SIMULATOR ACTIVATION _____ START GMT _____:_____:_____ (DAY:HR:MIN)	
				NV:_____
			COMPLETE GMT _____:_____:_____ (DAY:HR:MIN)	
				NV:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-014	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE):POWER:PDB STATUS “PDB POWER STATUS”	
			CMD: PDB EXT PWR-ON	
			GMT _____:_____:_____ (HR:MIN:SEC)	
210-015	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE):POWER:PDB STATUS “PDB POWER STATUS”	
			1. CMD: PDB EXT3 PWR-ON	
			GMT _____:_____:_____ (HR:MIN:SEC)	
			2. DKQM RECORD TIME IN ‘RMS ACTIVATION/DEACTIVATION LOG’ APPENDIX F.	
			3. VERIFY: [PDB]: PDB EXT3 OUT VOLT VALUE: 24 - 34 [V]–	
			4. DKQM RECORD OUTPUT VOLTAGE IN ‘RMS ACTIVATION/DEACTIVATION LOG’ APPENDIX F.	
210-016	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE):POWER “SY JEU STATUS” VERIFY:	
			1. DATA:[JEU]: JEU SY (1)HEALTH STAT STATE - READY	
			CMD:	
			2. JEU SY (1) PWR-ON	
			GMT _____:_____:_____ (HR:MIN:SEC)	
			VERIFY:	
			3. DATA:[JEU]: JEU SY (1) HEALTH STAT STATE - ON(RT DISABLE)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-017	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE):POWER “SP JEU STATUS”	
			VERIFY: 1. DATA:[JEU]: JEU SP (2) HEALTH STAT STATE - READY	
			CMD:	
			2. JEU SP (2) PWR-ON	
			GMT _____:_____:_____ (HR:MIN:SEC)	
			VERIFY:	
			3. DATA:[JEU]: JEU SP (2) HEALTH STAT STATE - ON(RT DISABLE)	
210-018	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE):POWER “EP JEU STATUS”	
			VERIFY: 1. DATA:[JEU]: JEU EP (3)HEALTH STAT STATE - READY	
			CMD:	
			2. JEU EP (3) PWR-ON	
			GMT _____:_____:_____ (HR:MIN:SEC)	
			VERIFY:	
			3. DATA:[JEU]: JEU EP (3) HEALTH STAT STATE - ON(RT DISABLE)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-019	KCTE	TLM	RLT	
	TLM	RLT	"WP JEU STATUS"	
			VERIFY:	
			1. DATA:[JEU]: JEU WP (4) HEALTH STAT STATE- READY(MAINTIAN CONSISTENCY)	
			CMD:	
			2. JEU WP (4) PWR-ON	
			GMT _____:_____:_____ (HR:MIN:SEC)	
			VERIFY:	
			3. DATA:[JEU]: JEU WP (4) HEALTH STAT STATE - ON(RT DISABLE)	
210-020	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE):POWER	
			"WY JEU STATUS"	
			VERIFY:	
			1. DATA:[JEU]: JEU WY (5) HEALTH STAT STATE - READY	
			CMD:	
			2. JEU WY (5) PWR-ON	
			GMT _____:_____:_____ (HR:MIN:SEC)	
			VERIFY:	
			3. DATA:[JEU]: JEU WY (5) HEALTH STAT STATE - ON(RT DISABLE)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-021	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE):POWER “WR JEU STATUS”	
			VERIFY: 1. DATA:[JEU]: JEU WR (6) HEALTH STAT STATE - READY	
			CMD:	
			2. JEU WR (6) PWR-ON	
			GMT _____:_____:_____ (HR:MIN:SEC)	
			VERIFY:	
			3. DATA:[JEU]: JEU WR (6) HEALTH STAT STATE - ON(RT DISABLE)	
			NOTE: IF ARM SIMULATOR UNSTABLE, REBOOT ARM SIMULATOR UNTIL ALL JEU STABLE	
210-022	KCTE	TLM	JEM INTERNAL 1553B BUS MONITOR	
	TLM	RLT	VERIFY ARM SIMULATOR IS STABLE FOR ALL JEU ACTIVATION	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-023	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE):COMM "ACU COMM STATUS"	
			CMD: 1. SELECT ENABLE ON EVERY JEU RT STATUS	
			2. SELECT '(JEU RT ENA/DIS-SET)'	
			GMT _____:_____:_____ (HR:MIN:SEC)	
			VERIFY:	
			3. RT STATUS IS ENABLE FOR ALL JEU	
210-024	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE) "MAIN ARM"	
			RECORD EACH JOINT ANGLE VALUES (JEU[1-6] SENSOR P ANG)	
			1. SY: JEU1 SENSOR P ANG _____(BD)	
			2. SP: JEU2 SENSOR P ANG _____(BD)	
			3. EP: JEU3 SENSOR P ANG _____(BD)	
			4. WP: JEU4 SENSOR P ANG _____(BD)	
			5. WY: JEU5 SENSOR P ANG _____(BD)	
			6. WR: JEU6 SENSOR P ANG _____(BD)	
			DKQM RECORD JOINT ANGLES IN 'RMS ACTIVATION/DEACTIVATION LOG' APPENDIX F.	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-025	KCTE	MS1	PCS HOMEPAGE: MCG SUMMARY “POINTING AND SUPPORT” 1. RECORD: ISS CENTER OF MASS (COM) (‘X’,’Y’,’Z’): X = _____ M(94.918 ± 1%) ENG: CDT_PS_ISSACMX PUI: LADP06MD2281H Y = _____ M (1.994 ± 1%) ENG: CDT_PS_ISSACMY PUI: LADP06MD2282H Z = _____ M (105.969 ± 1%) ENG: CDT_PS_ISSACMZ PUI: LADP06MD2283H 2. RECORD: ISS TOTAL MASS = _____ KG (199014.2 ± 1%) ENG: CDT_PS_ISSAMASS PUI: LADP06MD2279G	
210-026	KCTE	MS1	PCS HOMEPAGE: MCG SUMMARY “POINTING AND SUPPORT” VERIFY ISS CENTER OF MASS AND TOTAL MASS IS WITHIN 1% OF EXPECTED VALUE	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP CMD RESP DESCRIPTION VERIF.

NOTE:

IF MSDS AND THE ISS RWS IS ACTIVATED
PERFORM THE FOLLOWING STEP

210-027 KCTE MS1 PCS
HOMEPAGE: MCG SUMMARY:POINTING AND SUPPORT

"US ROBOTICS PAYLOAD DATA"

RECORD VALUES IN ACTIVE OBJECTS TABLE BELOW.

	OBJECT ID	**X** MSS_OBJECT_#_CENTER_OF_MASS_POSN_X	**Y** MSS_OBJECT_#_CENTER_OF_MASS_POSN_Y	**Z** MSS_OBJECT_#_CENTER_OF_MASS_POSN_Z
SSRMS	MSS_OBJECT_1_ID PUI: CMRC13SW04IFU 3	PUI: CMRC13SW04IGH 99.81	PUI: CMRC13SW04IHH 2.05	PUI: CMRC13SW04IIH 107.36
MT/MBS	MSS_OBJECT_2_ID PUI: CMRC13SW04IJU 5	PUI: CMRC13SW04IKH 103.39	PUI: CMRC13SW04ILH -5.64	PUI: CMRC13SW04IMH 99.63

NOT PERFORMED:_____

210-028 KCTE MS1 PCS
HOMEPAGE: MCG SUMMARY: POINTING AND SUPPORT
"US ROBOTICS PAYLOAD DATA"

VERIFY:
NUMBER OF POTENTIAL ACTIVE OBJECTS = 3
PUI: LADP06MD6830U
ENG: STS_PS_NUMBERACTIVEOBJECTS

NOTE:

IF MSDS AND THE ISS RWS IS ACTIVATED
PERFORM THE FOLLOWING STEP

210-029 KCTE MS1 PCS
HOMEPAGE: MCG SUMMARY: POINTING AND SUPPORT
"US ROBOTICS PAYLOAD DATA"

VERIFY:
NUMBER OF ACTIVE OBJECTS = 2
PUI: CMRC13SW04IEU
ENG: MSS_NUMBER_OF_OBJECTS

NOT PERFORMED:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-030	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE):MAGIC:COMMAND LIST:	
			COMPOSITION:MAIN ARM:JEU	
			'JEMRMS: COMMAND LIST'	
			INITIATE COMMAND	
			CMD:JEU RESOLVER RESET	
			PARAMETER: [1]B (ON)	
			RMS RLT CMD ID: C800004 (X60)	
			GMT _____:_____:_____ (HR:MIN:SEC)	
210-031	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE):MAGIC:TELEMETRY LIST:	
			COMPOSITION:MAIN ARM:JEU	
			'JEMRMS: TELEMETRY LIST'	
			VERIFY:	
			1. SY: MA JOINT1 ANG RESET;	
			RMS RLT TLM ID: T800071 (Z528_1) - 1B (ON)	
			2. SP: MA JOINT2 ANG RESET;	
			RMS RLT TLM ID: T800072 (Z528_2) - 1B (ON)	
			3. EP: MA JOINT3 ANG RESET;	
			RMS RLT TLM ID: T800073 (Z528_3) - 1B (ON)	
			4. WP: MA JOINT4 ANG RESET;	
			RMS RLT TLM ID: T800074 (Z528_4) - 1B (ON)	
			5. WY: MA JOINT5 ANG RESET;	
			RMS RLT TLM ID: T800075 (Z528_5) - 1B (ON)	
			6. WR: MA JOINT6 ANG RESET;	
			RMS RLT TLM ID: T800076 (Z528_6) - 1B (ON)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-032	KCTE	TLM	SLT	
	TLM	SLT	JEM(HOMEPAGE) “ARM_OPS”	
			ARM_OPS_CMD’	
			1. CMD: ALLOWED PUI: JSDD96IM0198K OPS: JPM_EVR_MDP_MODE_SEL_TMPLT PARAMETER: 1 (NORMAL) EXECUTE	
			GMT _____:_____:_____ (HR:MIN:SEC)	
			SLT: “JEM(HOMEPAGE)”	
			‘JEM’	
			2. VERIFY: ARM OPS - ALLOWED ENG: JEMRMS MODE STATUS PUI: JSDC00SWR008J	
210-033	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE):POWER:PDB STATUS “PDB POWER STATUS”	
			CMD:[PDB]: PDB EXT2 PWR-ON PUI: JRPX96IM0000K OPS: JPM_EVR_PDB_RMS_PWR_ON_(MDP)_TMPLT RMS RLT CMD ID: C110003 (X-13)	
			GMT _____:_____:_____ (HR:MIN:SEC)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-034	KCTE TLM	TLM RLT	RLT: JEMRMS(HOMEPAGE) “MODE” VERIFY: RMS MDP SUB MODE STATE - “(MA BRAKE)”[DODGERBLUE] PUI: JRRC00SWMT67J ENG: MDP SUB MODE RMS RLT TLM ID: T720056 (Z23) VALUE: [100000]B (MA BRAKE)	
210-035	KCTE TLM	TLM RLT	RIP CMD: 1. MA BRAKE SWITCH - OFF (DOWN)	T:_____
			2. VERIFY: MA BRAKES OFF -[INDICATOR ILLUMINATED] GMT _____:_____:_____ (HR:MIN:SEC)	
210-036	KCTE TLM	TLM RLT	RLT JEMRMS(HOMEPAGE):POWER:PDB STATUS “PDB POWER STATUS” 1. VERIFY:[PDB]: PDB EXT2 PWR OUT VOLT VALUE: 24 TO 34 [V] PUI: JRRC00SWPS07V ENG: PDB EXT2 VOUT RMS RLT TLM ID: T210001 (Z123_2) 2. DKQM RECORD VALUE IN ‘RMS ACTIVATION/DEACTIVATION LOG’ APPENDIX F.	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

NOTE

IN THIS TEST CONFIGURATION, PDB EXT2 POWER LINE OF RMS CONSOLE (PFM) IS NOT CONNECTED WITH JEMRMS ARM SIMULATOR. THEREFORE ZERO CURRENT IS EXPECTED FOR PDB EXT2.

210-037 KCTE TLM RLT
TLM RLT JEMRMS(HOMEPAGE):POWER:PDB STATUS
"PDB POWER STATUS"

VERIFY:[PDB]: PDB EXT2 PWR OUT CURRENT
VALUE: 0.0 +/- 0.5 [A]
PUI: JRRC00SWPS13C
ENG: PDB EXT2 IOUT
RMS RLT TLM ID: T220007 (Z126)

210-038 KCTE TLM RLT
TLM RLT JEMRMS(HOMEPAGE):MAIN ARM
"MA FOR DATA"

RECORD/VERIFY:

1. MDP FOR (X)
   PUI: JRRC00SWMA05H
   ENG: FOR X@MDP
   RMS RLT TLM ID: T730017 (Z253_1)

   RECORD VALUE:
   _____ (700 ± 1 CM)

2. MDP FOR (Y)
   PUI: JRRC00SWMA06H
   ENG: FOR Y@MDP
   RMS RLT TLM ID: T730018 (Z253_2)

   RECORD VALUE:
   _____ (0 ± 1 CM)

3. MDP FOR (Z)
   PUI: JRRC00SWMA07H
   ENG: FOR Z@MDP
   RMS RLT TLM ID: T730019 (Z253_3)

   RECORD VALUE:
   _____ (100 ± 1 CM)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			4. MDP FOR PITCH (P) PUI: JRRC00SWMA09H ENG: FOR PITCH@MDP RMS RLT TLM ID: T730021 (Z253_5) RECORD VALUE: _____ (-90.0 ± 0.1 DEG)	
			5. MDP FOR YAW (Y) PUI: JRRC00SWMA10H ENG: FOR YAW@MDP RMS RLT TLM ID: T730022 (Z253_6) RECORD VALUE: _____ (0.0 ± 0.1 DEG)	
			6. MDP FOR ROLL (R) PUI: JRRC00SWMA08H ENG: FOR ROLL@MDP RMS RLT TLM ID: T730020 (Z253_4) RECORD VALUE: _____ (0.0 ± 0.1 DEG)	
210-039	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE):MAIN ARM: “MODE” ‘MA FOR OCAS MODE’ CMD: MA POR OCAS MODE-SET RMS RLT CMD ID: C720014 (X224) GMT _____:_____:_____ (HR:MIN:SEC)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

NOTE

MONITOR ARM MOTION, UNTIL ARM STOPS

210-040 KCTE TLM RLT
TLM RLT JEMRMS(HOMEPAGE)
"MODE"

1. VERIFY: RMS MDP SUB MODE
   STATE: "(MA FOR OCAS)"[DODGERBLUE]
   PUI: JRRC00SWMT67J
   ENG: MDP SUB MODE
   RMS RLT TLM ID: T7200056 (Z23)
   VALUE: (100111) B

'MA FOR OCAS MODE'

2. VERIFY MAX RATE IS 6 CM/SEC

3. INSERT TARGET PARAMETERS:
   PARAMETERS:
   X: 400 CM, Y: -200 CM, Z: 100 CM
   P: -90.0 DEG, Y: 0.0 DEG, R: 0.0 DEG

4. SELECT: (PROCEED)
   CMD: MA-PROCEED (POR OCAS)
   RMS RLT CMD ID: C700003 (X669)

   GMT _____:_____:_____ (HR:MIN:SEC)

5. ADVISE WHEN ARM TRANSLATION IS COMPLETED

210-041 KCTE TLM RLT
TLM RLT JEMRMS(HOMEPAGE)
"MODE"

CMD: MA POSN HOLD-SET
RMS RLT CMD ID: C720015 (X397)

GMT _____:_____:_____ (HR:MIN:SEC)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-042	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE)	
			“MODE”	
			VERIFY:MDP SUB MODE	
			STATE: “MA POSITION HOLD”[DODGERBLUE]	
			PUI: JRRC00SWMT67J	
			ENG: MDP SUB MODE	
			RMS RLT TLM ID: T720056 (Z23)	
			VALUE: [100010]B (MA POSITION HOLD)	
210-043	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE):MAIN ARM	
			“MA FOR DATA”	
			RECORD/VERIFY:	
			1. MDP FOR (X)	
			PUI: JRRC00SWMA05H	
			ENG: FOR X@MDP	
			RMS RLT TLM ID: T730017 (Z253_1)	
			RECORD VALUE:	
			_____ (400 ± 1 CM)	
			2. MDP FOR (Y)	
			PUI: JRRC00SWMA06H	
			ENG: FOR Y@MDP	
			RMS RLT TLM ID: T730018 (Z253_2)	
			RECORD VALUE:	
			_____ (-200 ± 1 CM)	
			3. MDP FOR (Z)	
			PUI: JRRC00SWMA07H	
			ENG: FOR Z@MDP	
			RMS RLT TLM ID: T730019 (Z253_3)	
			RECORD VALUE:	
			_____ (100 ± 1 CM)	
			4. MDP FOR PITCH	
			PUI: JRRC00SWMA09H	
			ENG: FOR PITCH@MDP	
			RMS RLT TLM ID: T730021 (Z253_5)	
			RECORD VALUE:	
			_____ (-90.0 ± 0.1 DEG)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

5. MDP FOR YAW
   PUI: JRRC00SWMA10H
   ENG: FOR YAW@MDP
   RMS RLT TLM ID: T730022 (Z253_6)

   RECORD VALUE:
   _____ (0.0 ± 0.1 DEG)

6. MDP FOR ROLL
   PUI: JRRC00SWMA08H
   ENG: FOR ROLL@MDP
   RMS RLT TLM ID: T730020 (Z253_4)

   RECORD VALUE:
   _____ (0.0 ± 0.1 DEG)

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-044	KCTE		TCMS CT-GNC 1. VERIFY: DATA QUALITY INDICATOR - 1[INVALID] PUI: JRRC00SWMG01J ENG: JEMRMS DATA QUAL IND VERIFY VALUE = 1 RECORD: 2. HANDLING OBJECT STATUS PUI: JRRC00SWMG02J ENG: JEMRMS HANDLING OBJECT STAT RECORD VALUE _____ (0) 3. ISS JEM RMS P/L ID PUI: JRRC00SWMG03U ENG: JEMRMS P/L ID RECORD VALUE: _____(BD) 4. JEM RMS P/L POS(X) PUI: JRRC00SWMG04H ENG: JEMRMS P/L POS X RECORD VALUE: _____(BD) 5. JEM RMS P/L POS(Y) PUI: JRRC00SWMG05H ENG: JEMRMS P/L POS Y RECORD VALUE: _____(BD) 6. JEM RMS P/L POS(Z) ENG: JEMRMS P/L POS Z PUI: JRRC00SWMG06H ENG: JEMRMS P/L POS Z RECORD VALUE: _____(BD)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			NOTE END EFFECTOR TO PERFORM CAPTURE / RELEASE OPERATION FOR PAYLOAD 1 WITH THE FOLLOWING PROPERTIES: PAYLOAD ID 10127 MASS: 7000 KG POSITION X: 110.146 M POSITION Y: -16.959 M POSITION Z: 104.851 M	
210-045	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE) “MODE” CMD: MA LIMP-SET RMS RLT CMD ID: C720011 (X422) GMT _____:_____:_____ (HR:MIN:SEC)	
			NOTE MA LIMP MODE IS THE MODE THAT ALLOWS THE END EFFECTOR TO PERFORM CAPTURE / RELEASE OPERATION	
210-046	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE) “MODE” VERIFY:MDP SUB MODE STATE: “(MA LIMP)”[DODGERBLUE] PUI: JRRC00SWMT67J ENG: MDP SUB MODE RMS RLT TLM ID: T720056 (Z23) VALUE: (100001)B [MA LIMP]	
			JEM RMS (SIM) CAPTURE OF PAYLOAD #1	
210-047	KCTE	TLM	RIP	
	TLM	MJ1	END EFFECTOR ENABLE 1 – ON (UP)	

T:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			NOTE WAIT A MINIMUM OF TEN SECONDS BEFORE PROCEEDING.	
210-048	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE):MAIN ARM “EE” VERIFY:JEU WR EE INH1 SW FLAG STATE: “EE ENABLE SW1”[DODGERBLUE] PUI: JRRC00SWHT04J ENG: MA EE INH1 SW OP/CL@WR JEU RMS RLT TLM ID: TE10015 (Z48_1) VALUE: (0)B	
210-049	KCTE	TLM	RIP	
	TLM	RLT	END EFFECTOR ENABLE 2 – ON (UP)	
				T:_____
			NOTE WAIT A MINIMUM OF TEN SECONDS BEFORE PROCEEDING.	
210-050	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE):MAIN ARM “EE” VERIFY: JEU WR EE INH2 SW FLAG STATE: “EE ENABLE SW2”[DODGERBLUE] PUI: JRRC00SWHT03J ENG: MA EE INH2 SW OP/CL@WR JEU RMS RLT TLM ID: TE10016 (Z48_2) VALUE: (0)B	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-051	KCTE	TLM	RHC	
	TLM	MJ1		
			PULL TRIGGER AND RELEASE TO SEND THE EE CAPTURE COMMAND FROM THE RHC.	
			GMT _____:_____:_____ (HR:MIN:SEC)	
				T:_____
210-052	KCTE	TLM	RIP	
	TLM	RLT	END EFFECTOR ENABLE 1 – OFF (DOWN)	
				T:_____
			NOTE	
			WAIT A MINIMUM OF TEN SECONDS BEFORE PROCEEDING	
210-053	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE):MAIN ARM "EE"	
			1. VERIFY:JEU WR EE INH1 SW FLAG STATE: "EE ENABLE SW1"[GRAY] PUI: JRRC00SWHT04J ENG: MA EE INH1 SW OP/CL@WR JEU RMS RLT TLM ID: TE10015 (Z48_1) VALUE: (1)B	
			2. VERIFY:JEU WR EE INH2 SW FLAG - [1]B [GRAY] STATE: "EE ENABLE SW2"[GRAY] PUI: JRRC00SWHT03J ENG: MA EE INH2 SW OP/CL@WR JEU RMS RLT TLM ID: TE10016 (Z48_2) VALUE: (1)B	
210-054	KCTE	TLM	RIP	
	TLM	MJ1	END EFFECTOR ENABLE 2 – OFF (DOWN)	
				T:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-055	KCTE		TCMS CT-GNC VERIFY: 1. DATA QUALITY INDICATOR - 1[INVALID] PUI: JRRC00SWMG01J ENG: JEMRMS DATA QUAL IND VERIFY VALUE = 1 RECORD: 2. HANDLING OBJECT STATUS PUI: JRRC00SWMG02J ENG: JEMRMS HANDLING OBJECT STAT RECORD VALUE _____ (0) 3. ISS JEM RMS P/L ID PUI: JRRC00SWMG03U ENG: JEMRMS P/L ID RECORD VALUE: _____(BD) 4. JEM RMS P/L POS(X) PUI: JRRC00SWMG04H ENG: JEMRMS P/L POS X RECORD VALUE: _____(BD) 5. JEM RMS P/L POS(Y) PUI: JRRC00SWMG05H ENG: JEMRMS P/L POS Y RECORD VALUE: _____(BD) 6. JEM RMS P/L POS(Z) PUI: JRRC00SWMG06H ENG: JEMRMS P/L POS Z RECORD VALUE: _____(BD)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-056	KCTE	MS1	PCS HOMEPAGE: MCG SUMMARY: POINTING AND SUPPORT “US ROBOTICS PAYLOAD DATA” VERIFY ISS CENTER OF MASS AND TOTAL MASS IS UNCHANGED FROM THE PREVIOUS VALUE.	
210-057	KCTE TLM	TLM RLT	RLT JEMRMS(HOMEPAGE) “MODE” CMD: MA POSN HOLD-SET RMS RLT CMD ID: C720015 (X397) GMT _____:_____:_____ (HR:MIN:SEC) **NOTE** ‘MA POSITION HOLD MODE’ WILL HOLD JEMRMS IN ITS PRSENT POSITION	
210-058	KCTE TLM	TLM RLT	RLT JEMRMS(HOMEPAGE) “MODE” VERIFY: MDP SUB MODE STATE: “(MA POSITION HOLD)” [DODGERBLUE] PUI: JRRC00SWMT67J ENG: MDP SUB MODE RMS RLT TLM ID: T720056 (Z23) VALUE: [100010]B (MA POSITION HOLD)	
210-059	KCTE TLM	TLM RLT	RLT JEMRMS(HOMEPAGE) “MAIN ARM” ‘P/L’ 1. CMD: RMS P/L ID-SET – 7-T PL N-PROXI RMS RLT CMD ID: C770001 (X650) GMT _____:_____:_____ (HR:MIN:SEC) 2. VERIFY: RMS P/L ID – 7-T PL N-PROXI RMS RLT TLM ID: T770004 (Z36)	
210-060	KCTE		TCMS CT-GNC JEM RMS P/L ID NUMERICAL VALUE PUI:JRRC00SWMI09J ENG: RMS P/L ID@MDP RECORD VALUE: _____ [(127) DECIMAL]	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-061	KCTE		TCMS CT-GNC VERIFY: 1. DATA QUALITY INDICATOR - 0[VALID] PUI: JRRC00SWMG01J ENG: JEMRMS DATA QUAL IND VERIFY VALUE = 0 RECORD: 2. HANDLING OBJECT STATUS PUI: JRRC00SWMG02J ENG: JEMRMS HANDLING OBJECT STAT RECORD VALUE _____ (1)(CAPTURED) 3. ISS JEM RMS P/L ID PUI: JRRC00SWMG03U ENG: JEMRMS P/L ID RECORD VALUE: _____[10127(D)] 4. JEM RMS P/L POS(X) PUI: JRRC00SWMG04H ENG: JEMRMS P/L POS X RECORD VALUE: _____(110.146 ± .06 M) 5. JEM RMS P/L POS(Y) PUI: JRRC00SWMG05H ENG: JEMRMS P/L POS Y RECORD VALUE: _____(- 16.959 ± .06 M) 6. JEM RMS P/L POS(Z) PUI: JRRC00SWMG06H ENG: JEMRMS P/L POS Z RECORD VALUE: _ _____(104.851 ± .06 M) ~OMRSD A3000MG.100-A (PL ID, OBJECT STATUS, DQI)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-062	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE):MAIN ARM “MA FOR DATA”	
			RECORD/VERIFY:	
			1. MDP FOR (X) PUI: JRRC00SWMA05H ENG: FOR X@MDP RMS RLT TLM ID: T730017 (Z253_1) RECORD VALUE: _____(400 ± 1 CM)	
			2. MDP FOR (Y) PUI: JRRC00SWMA06H ENG: FOR Y@MDP RMS RLT TLM ID: T730018 (Z253_2) RECORD VALUE: _____(-200 ± 1 CM)	
			3. MDP FOR (Z) PUI: JRRC00SWMA07H ENG: FOR Z@MDP RMS RLT TLM ID: T730019 (Z253_3) RECORD VALUE: _____(100 ± 1 CM)	
			4. MDP FOR PITCH PUI: JRRC00SWMA09H ENG: FOR PITCH@MDP RMS RLT TLM ID: T730021 (Z253_5) RECORD VALUE: _____(-90 ± 0.1 DEG)	
			5. MDP FOR YAW PUI: JRRC00SWMA10H ENG: FOR YAW@MDP RMS RLT TLM ID: T730022 (Z253_6) RECORD VALUE: _____(0 ± 0.1 DEG)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			6. MDP FOR ROLL PUI: JRRC00SWMA08H ENG: FOR ROLL@MDP RMS RLT TLM ID: T730020 (Z253_4) RECORD VALUE: _____(0 ± 0.1 DEG)	
210-063	KCTE	MS1	PCS HOMEPAGE: MCG SUMMARY: “POINTING AND SUPPORT” 1. RECORD ISS CENTER OF MASS (COM) (‘X’,’Y’,’Z’): X = _____ M(98.792 ± 1%) PUI: LADP06MD2281H ENG: CDT_PS_ISSACMX Y = _____ M (-2.591 ± 1%) PUI: LADP06MD2282H ENG: CDT_PS_ISSACMY Z = _____ M (109.657 ± 1%) PUI: LADP06MD2283H ENG: CDT_PS_ISSACMZ 2. RECORD: ISS TOTAL MASS = _____ KG (199014.2 ± 1%) PUI: LADP06MD2279G ENG: CDT_PS_ISSAMASS	
210-064	KCTE	MS1	PCS HOMEPAGE: MCG SUMMARY: “POINTING AND SUPPORT” VERIFY ISS CENTER OF MASS AND TOTAL MASS IS WITHIN 1% OF EXPECTED VALUE ~OMRSD A3000MG.100-A (CENTER OF MASS VALUE WITHIN 1% BEFORE P/L TRANSLATION)	
			JEM RMS (SIM) TRANSLATION OF PAYLOAD #1	
210-065	KCTE TLM	TLM RLT	RLT JEMRMS(HOMEPAGE) “MODE” CMD: MA POR OCAS MODE-SET RMS RLT CMD ID: C720014 (X224) GMT _____:_____:_____ (HR:MIN:SEC)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			NOTE MA POR OCAS MODE IS THE MODE THAT ALLOWS THE JEM RMS TO PERFORM THE TRANSLATION OPERATION	
			NOTE MONITOR SIMULATED ARM PAYLOAD MOTION AND ISS MASS PROPERTIES UNTIL ARM MOTION STOPS. THE DURATION OF THE TRANSLATION OF JEM ARM SHOULD BE MINIMUN OF 180 SECONDS	
210-066	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE):MAIN ARM:MODE: ‘MA FOR OCAS MODE’ 1. VERIFY: RMS MDP SUB MODE STATE: “(MA FOR OCAS)”[DODGERBLUE] PUI: JRRC00SWMT67J ENG: MDP SUB MODE RMS RLT TLM ID: T7200056 (Z23) VALUE: (100111) B ‘MA FOR OCAS MODE’ 2. VERIFY MAX RATE IS 2 CM/SEC 3. INSERT TARGET PARAMETERS: PARAMETERS: X:700 CM, Y:100 CM, Z:-200 CM P:0.0 DEG, Y:0.0 DEG, R:0.0 DEG 4. SELECT: (PROCEED) CMD: MA-PROCEED (POR OCAS) RMS RLT CMD ID: C700003 (X669) GMT _____:_____:_____ (HR:MIN:SEC) 5. ADVISE WHEN ARM TRANSLATION IS COMPLETED	
210-067	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE) “MODE” CMD: MA POSN HOLD-SET RMS RLT CMD ID: C720015 (X397) GMT _____:_____:_____ (HR:MIN:SEC)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-068	KCTE	TLM	RLT	
	TLM	RLT	"JEMRMS(HOMEPAGE)"	
			VERIFY:MDP SUB MODE	
			STATE: "(MA POSITION HOLD)" [DODGERBLUE]	
			PUI: JRRC00SWMT67J	
			ENG: MDP SUB MODE	
			RMS RLT TLM ID: T720056 (Z23)	
			VALUE: [100010]B (MA POSITION HOLD)	
210-069	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE):MAIN ARM	
			"MA FOR DATA"	
			RECORD/VERIFY:	
			1. MDP FOR (X)	
			PUI: JRRC00SWMA05H	
			ENG: FOR X@MDP	
			RMS RLT TLM ID: T730017 (Z253_1)	
			RECORD VALUE:	
			_____(700 ± 1 CM)	
			2. MDP FOR (Y)	
			PUI: JRRC00SWMA06H	
			ENG: FOR Y@MDP	
			RMS RLT TLM ID: T730018 (Z253_2)	
			RECORD VALUE:	
			_____(100 ± 1 CM)	
			3. MDP FOR (Z)	
			PUI: JRRC00SWMA07H	
			ENG: FOR Z@MDP	
			RMS RLT TLM ID: T730019 (Z253_3)	
			RECORD VALUE:	
			_____(-200 ± 1 CM)	
			4. MDP FOR PITCH	
			PUI: JRRC00SWMA09H	
			ENG: FOR PITCH@MDP	
			RMS RLT TLM ID: T730021 (Z253_5)	
			RECORD VALUE:	
			_____(0 ± 0.1 DEG)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			5. MDP FOR YAW PUI: JRRC00SWMA10H ENG: FOR YAW@MDP (TYPO) RMS RLT TLM ID: T730022 (Z253_6) RECORD VALUE: _____(0 ± 0.1 DEG)	
			6. MDP FOR ROLL PUI: JRRC00SWMA08H ENG: FOR ROLL@MDP RMS RLT TLM ID: T730020 (Z253_4) RECORD VALUE: _____(0 ± 0.1 DEG)	
210-070	KCTE		TCMS CT-GNC VERIFY:	
			1. DATA QUALITY INDICATOR PUI: JRRC00SWMG01J ENG: JEMRMS DATA QUAL IND VERIFY VALUE = 0[VALID]	
			RECORD:	
			2. HANDLING OBJECT STATUS PUI: JRRC00SWMG02J ENG: JEMRMS HANDLING OBJECT STAT RECORD VALUE _____ (1) (CAPTURED)	
			3. ISS JEM RMS P/L ID PUI: JRRC00SWMG03U ENG: JEMRMS P/L ID RECORD VALUE: _____(10127(D))	
			4. JEM RMS P/L POS(X) PUI: JRRC00SWMG04H ENG: JEMRMS P/L POS X RECORD VALUE: _____(113.144 ± .06 M)	
			5. JEM RMS P/L POS(Y) PUI: JRRC00SWMG05H ENG: JEMRMS P/L POS Y RECORD VALUE: _____(- 19.958 ± .06 M)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			6. JEM RMS P/L POS(Z) PUI: JRRC00SWMG06H ENG: JEMRMS P/L POS Z RECORD VALUE: _____(101.849 ± .06 M)	
210-071	KCTE	MS1	PCS HOMEPAGE: MCG SUMMARY “POINTING AND SUPPORT” 1. RECORD: ISS CENTER OF MASS (COM) ('X','Y','Z'): X = _____ M(98.897 ± 1%) PUI: LADP06MD2281H ENG: CDT_PS_ISSACMX Y = _____ M (-2.696 ± 1%) PUI: LADP06MD2282H ENG: CDT_PS_ISSACMY Z = _____ M (109.552 ± 1%) PUI: LADP06MD2283H ENG: CDT_PS_ISSACMZ 2. RECORD: ISS TOTAL MASS = _____ KG (199014.2 ± 1%) PUI: LADP06MD2279G ENG: CDT_PS_ISSAMASS	
210-072	KCTE	MS1	PCS HOMEPAGE: MCG SUMMARY “POINTING AND SUPPORT” VERIFY ISS CENTER OF MASS AND TOTAL MASS IS WITHIN 1% OF EXPECTED VALUE ~OMRSD A3000MG.100-A (CENTER OF MASS VALUE WITHIN 1% AFTER PAYLOAD TRANSLATION)	
			JEM RMS (SIM) RELEASE OF PAYLOAD #1	
210-073	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE) “MODE” CMD: MA LIMP-SET RMS RLT CMD ID: C720011 (X422) GMT _____:_____:_____ (HR:MIN:SEC)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-074	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE) “MODE” VERIFY:MDP SUB MODE STATE: “(MA LIMP)”[DODGERBLUE] PUI: JRRC00SWMT67J ENG: MDP SUB MODE RMS RLT TLM ID: T720056 (Z23) VALUE: (100001)B [MA LIMP]	
210-075	KCTE	TLM	RIP	
	TLM	MJ1	END EFFECTOR ENABLE 1 – ON (UP)	
				T:_____

NOTE

WAIT A MINIMUM OF TEN SECOND BEFORE PROCEEDING

210-076	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE):MAIN ARM “EE” VERIFY:JEU WR EE INH1 SW FLAG STATE: “EE ENABLE SW1”[DODGERBLUE] PUI: JRRC00SWHT04J ENG: MA EE INH1 SW OP/CL@WR JEU RMS RLT TLM ID: TE10015 (Z48_1) VALUE: (0)B	
210-077	KCTE	TLM	RIP	
	TLM	MJ1	END EFFECTOR ENABLE 2 – ON (UP)	
				T:_____

NOTE

WAIT A MINIMUM OF TEN SECOND BEFORE PROCEEDING

210-078	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE):MAIN ARM “EE” VERIFY:JEU WR EE INH2 SW FLAG STATE: “EE ENABLE SW2”[DODGERBLUE] PUI: JRRC00SWHT03J ENG: MA EE INH2 SW OP/CL@WR JEU RMS RLT TLM ID: TE10016 (Z48_2) VALUE: (0)B	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-079	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE):MAGIC:COMMAND LIST:COMPOSITION:SAFETY:INHIBIT	
			‘JEMRMS: COMMAND LIST’	
			1. CMD: HC CAP/REL CMD OVRD1 - (1)B [ENABLE] PUI: JRDD96IM0070K OPS: JPM_EVR_HC_CAP/REL_OVRD_ENA/DIS_(MDP)_TMPL T RMS RLT CMD ID: CE10014 (X603) GMT _____:_____:_____ (HR:MIN:SEC)	
			RLT: JEMRMS(HOMEPAGE):MAGIC:TELEMETRY LIST: COMPOSITION:SAFETY:INHIBIT	
			‘JEMRMS: TELEMETRY LIST’	
			2. VERIFY: HC CAP/REL OVRD1 FLAG STAT - (1)B [ENABLE] PUI: JRRC00SWMJ02J ENG: HC CAP/REL CMD OVRD ENA/DIS RMS RLT DATA ID: TE10081 (Z1676)	
210-080	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE):MAGIC:TELEMETRY LIST COMPOSITION:CONSOLE:HC	
			‘JEMRMS: COMMAND LIST’	
			1. CMD: HC CAP/REL CMD-OVERRIDE - (1)B [OVERRIDE] PUI: JRDD96IM0068K OPS: JPM_EVR_HC_CAP/REL_OVRD_EXEC_(MDP)_TMPLT RMS RLT CMD ID: C760002 (X604) GMT _____:_____:_____ (HR:MIN:SEC)	
			RLT:JEMRMS(HOMEPAGE):MAGIC:TELEMETRY LIST: COMPOSITION:CONSOLE:HC	
			‘JEMRMS: TELEMETRY LIST’	
			2. VERIFY: HC CAP/REL OVRD2 FLAG STAT - (1)B [ENABLE] PUI: JRRC00SWMT71J ENG: HC CAP/REL INH OVRD STAT RMS RLT DATA ID: T760003 (Z1677)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-081	KCTE	TLM	RHC	
	TLM	MJ1	PULL TRIGGER AND RELEASE TO SEND THE EE RELEASE COMMAND FROM THE RHC.	
			GMT _____:_____:_____ (DAY:HR:MIN)	
				T:_____
210-082	KCTE	TLM	RIP	
	TLM	RLT	END EFFECTOR ENABLE 1 – OFF (DOWN)	
				T:_____

NOTE

WAIT A MINIMUM OF TEN SECONDS BEFORE PROCEEDING

210-083	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE):MAIN ARM "EE"	
			1. VERIFY:JEU WR EE INH1 SW FLAG STATE: "EE ENABLE SW1"[GRAY] PUI: JRRC00SWHT04J ENG: MA EE INH1 SW OP/CL@WR JEU RMS RLT TLM ID: TE10015 (Z48_1) VALUE: (1)B	
			2. VERIFY:JEU WR EE INH2 SW FLAG - [1]B [GRAY] STATE: "EE ENABLE SW2"[GRAY] PUI: JRRC00SWHT03J ENG: MA EE INH2 SW OP/CL@WR JEU RMS RLT TLM ID: TE10016 (Z48_2) VALUE: (1)B	
210-084	KCTE	TLM	RIP	
	TLM	MJ1	END EFFECTOR ENABLE 2 – OFF (DOWN)	
				T:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-085	KCTE		TCMS CT-GNC VERIFY: 1. DATA QUALITY INDICATOR - 0[VALID] PUI: JRRC00SWMG01J ENG: JEMRMS DATA QUAL IND VERIFY VALUE = 0 RECORD: 2. HANDLING OBJECT STATUS PUI: JRRC00SWMG02J ENG: JEMRMS HANDLING OBJECT STAT RECORD VALUE _____ (0)(RELEASE) 3. ISS JEM RMS P/L ID PUI: JRRC00SWMG03U ENG: JEMRMS P/L ID RECORD VALUE: _____ (BD) 4. JEM RMS P/L POS(X) PUI: JRRC00SWMG04H ENG: JEMRMS P/L POS X RECORD VALUE: _____(BD) 5. JEM RMS P/L POS(Y) PUI: JRRC00SWMG05H ENG: JEMRMS P/L POS Y RECORD VALUE: _____(BD) 6. JEM RMS P/L POS(Z) PUI: JRRC00SWMG06H ENG: JEMRMS P/L POS Z RECORD VALUE: _____(BD) ~OMRSD A3000MG.100-A (HANDLING STATUS = 0)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-086	KCTE	MS1	PCS HOMEPAGE: MCG SUMMARY “POINTING AND SUPPORT” 1. RECORD: ISS CENTER OF MASS (COM) (‘X’,’Y’,’Z’): X = _____ M(98.897 ± 1%) PUI:LADP06MD2281H ENG: CDT_PS_ISSACMX Y = _____ M (-2.696 ± 1%) PUI: LADP06MD2282H ENG: CDT_PS_ISSACMY Z = _____ M (109.552 ± 1%) PUI: LADP06MD2283H ENG: CDT_PS_ISSACMZ 2. RECORD: ISS TOTAL MASS = _____ KG (199014.2 ± 1%) PUI: LADP06MD2279G ENG: CDT_PS_ISSAMASS ~OMRSD A3000MG.100-A (NO CHANGE OF CENTER OF MASS VALUES)	
210-087	KCTE	MS1	PCS HOMEPAGE: MCG SUMMARY “POINTING AND SUPPORT” VERIFY ISS MASS AND CENTER OF MASS DOES NOT CHANGE FROM PREVIOUS RECORDING.	
210-088	KCTE TLM	TLM RLT	RLT JEMRMS(HOMEPAGE) “MODE” CMD: MA POSN HOLD-SET RMS RLT CMD ID: C720015 (X397) GMT _____:_____:_____ (HR:MIN:SEC)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-089	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE)	
			“MODE”	
			VERIFY: MDP SUB MODE	
			STATE: “(MA POSITION HOLD)” [DODGERBLUE]	
			PUI: JRRC00SWMT67J	
			ENG: MDP SUB MODE	
			RMS RLT TLM ID: T720056 (Z23)	
			VALUE: [100010]B (MA POSITION HOLD)	
210-090	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE):MAIN ARM	
			“P/L”	
			1. CMD: RMS P/L ID-SET - [0] D (UNLOADED)	
			RMS RLT CMD ID: C770001 (X650)	
			GMT _____:_____:_____ (HR:MIN:SEC)	
			2. VERIFY: RMS P/L ID – (UNLOADED)	
			PUI: JRRC00SWMI09J	
			ENG: RMS P/L ID@MDP	
			RMS RLT TLM ID: T770004 (Z36)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-091	KCTE		TCMS CT-GNC VERIFY: 1. DATA QUALITY INDICATOR - 1[INVALID] PUI: JRRC00SWMG01J ENG: JEMRMS DATA QUAL IND VERIFY VALUE = 1 RECORD: 2. HANDLING OBJECT STATUS PUI: JRRC00SWMG02J ENG: JEMRMS HANDLING OBJECT STAT RECORD VALUE _____ (0) 3. ISS JEM RMS P/L ID PUI: JRRC00SWMG03U ENG: JEMRMS P/L ID RECORD VALUE: _____ (BD) 4. JEM RMS P/L POS(X) PUI: JRRC00SWMG04H ENG: JEMRMS P/L POS X RECORD VALUE: _____(BD) 5. JEM RMS P/L POS(Y) PUI: JRRC00SWMG05H ENG: JEMRMS P/L POS Y RECORD VALUE: _____(BD) 6. JEM RMS P/L POS(Z) PUI: JRRC00SWMG06H ENG: JEMRMS P/L POS Z RECORD VALUE: _____(BD) ~OMRSD A3000MG.100-A (DQI = INVALID)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

JEM RMS (SIM) CAPTURE OF PAYLOAD #2

NOTE

END EFFECTOR TO PERFORM CAPTURE / RELEASE OPERATION FOR PAYLOAD 2 WITH THE FOLLOWING PROPERTIES:
PAYLOAD ID 0
MASS: 600 KG
POSITION X: 700
POSITION Y: 100
POSITION Z: -200

210-092	KCTE	TLM	RLT	
	TLM	RLT	TRANSLATE ARM FOR GRAPPLING PAYLOAD 2	
			ADVISE WHEN COMPLETE.	
			START GMT _____:_____:_____ (DAY:HR:MIN)	
			COMPLETE GMT _____:_____:_____ (DAY:HR:MIN)	
				NV:_____
210-093	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE) “MODE” CMD: MA LIMP-SET RMS RLT CMD ID: C720011 (X422)	
			GMT _____:_____:_____ (HR:MIN:SEC)	
210-094	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE) “MODE” VERIFY:MDP SUB MODE STATE: “(MA LIMP)”[DODGERBLUE] PUI: JRRC00SWMT67J ENG: MDP SUB MODE RMS RLT TLM ID: T720056 (Z23) VALUE: (100001)B [MA LIMP]	
210-095	KCTE	TLM	RIP	
	TLM	MJ1	END EFFECTOR ENABLE 1 – ON (UP)	
				T:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			NOTE WAIT A MINIMUM OF TEN SECOND BEFORE PROCEEDING	
210-096	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE):MAIN ARM “EE”	
			VERIFY:JEU WR EE INH1 SW FLAG STATE: “EE ENABLE SW1”[DODGERBLUE] PUI: JRRC00SWHT04J ENG: MA EE INH1 SW OP/CL@WR JEU RMS RLT TLM ID: TE10015 (Z48_1) VALUE: (0)B	
210-097	KCTE	TLM	RIP	
	TLM	MJ1	END EFFECTOR ENABLE 2 – ON (UP)	
				T:_____
			NOTE WAIT A MINIMUM OF TEN SECOND BEFORE PROCEEDING	
210-098	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE):MAIN ARM “EE”	
	TLM	MJ1	VERIFY:JEU WR EE INH2 SW FLAG STATE: “EE ENABLE SW2”[DODGERBLUE] PUI: JRRC00SWHT03J ENG: MA EE INH2 SW OP/CL@WR JEU RMS RLT TLM ID: TE10016 (Z48_2) VALUE: (0)B	
210-099	KCTE	TLM	RHC	
	TLM	MJ1	PULL TRIGGER AND RELEASE TO SEND THE EE CAPTURE COMMAND FROM THE RHC. GMT _____:_____:_____ (DAY:HR:MIN)	
				T:_____
210-100	KCTE	TLM	RIP	
	TLM	RLT	END EFFECTOR ENABLE 1 – OFF (DOWN)	
				T:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			NOTE	
			WAIT A MINIMUM OF TEN SECONDS BEFORE PROCEEDING	
210-101	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE):MAIN ARM "EE"	
			1. VERIFY:JEU WR EE INH1 SW FLAG STATE: "EE ENABLE SW1"[GRAY] PUI: JRRC00SWHT04J ENG: MA EE INH1 SW OP/CL@WR JEU RMS RLT TLM ID: TE10015 (Z48_1) VALUE: (1)B	
			2. VERIFY:JEU WR EE INH2 SW FLAG - [1]B [GRAY] STATE: "EE ENABLE SW2"[GRAY] PUI: JRRC00SWHT03J ENG: MA EE INH2 SW OP/CL@WR JEU RMS RLT TLM ID: TE10016 (Z48_2) VALUE: (1)B	
210-102	KCTE	TLM	RIP	
	TLM	MJ1	END EFFECTOR ENABLE 2 – OFF (DOWN)	

T:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-103	KCTE		TCMS CT-GNC VERIFY: 1. DATA QUALITY INDICATOR - 1[INVALID] PUI: JRRC00SWMG01J ENG: JEMRMS DATA QUAL IND VERIFY VALUE = 1 RECORD: 2. HANDLING OBJECT STATUS PUI: JRRC00SWMG02J ENG: JEMRMS HANDLING OBJECT STAT RECORD VALUE _____ (0) 3. ISS JEM RMS P/L ID PUI: JRRC00SWMG03U ENG: JEMRMS P/L ID RECORD VALUE: _____(BD) 4. JEM RMS P/L POS(X) PUI: JRRC00SWMG04H ENG: JEMRMS P/L POS X RECORD VALUE: _____(BD) 5. JEM RMS P/L POS(Y) PUI: JRRC00SWMG05H ENG: JEMRMS P/L POS Y RECORD VALUE: _____(BD) 6. JEM RMS P/L POS(Z) PUI: JRRC00SWMG06H ENG: JEMRMS P/L POS Z RECORD VALUE: _____(BD)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-104	KCTE	MS1	PCS HOMEPAGE: MCG SUMMARY “POINTING AND SUPPORT” 1. RECORD: ISS CENTER OF MASS (COM) (‘X’,’Y’,’Z’): X = _____ M(98.897 ± 1%) PUI: LADP06MD2281H ENG: CDT_PS_ISSACMX Y = _____ M (-2.696 ± 1%) PUI: LADP06MD2282H ENG: CDT_PS_ISSACMY Z = _____ M (109.552 ± 1%) PUI: LADP06MD2283H ENG: CDT_PS_ISSACMZ 2. RECORD: ISS TOTAL MASS = _____ KG (199014.2 ± 1%) PUI:LADP06MD2279G ENG: CDT_PS_ISSAMASS	
210-105	KCTE	MS1	PCS HOMEPAGE: MCG SUMMARY “POINTING AND SUPPORT” VERIFY ISS MASS AND CENTER OF MASS UNCHANGED FROM THE PREVIOUS VALUE.	
210-106	KCTE TLM	TLM RLT	RLT JEMRMS(HOMEPAGE) “MODE” CMD: MA POSN HOLD-SET RMS RLT CMD ID: C720015 (X397) GMT _____:_____:_____ (HR:MIN:SEC)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-107	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE)	
			“MODE”	
			VERIFY:MDP SUB MODE	
			STATE: “(MA POSITION HOLD)” [DODGERBLUE]	
			PUI: JRRC00SWMT67J	
			ENG: MDP SUB MODE	
			RMS RLT TLM ID: T720056 (Z23)	
			VALUE: [100010]B (MA POSITION HOLD)	
210-108	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE):MAIN ARM	
			“P/L”	
			1. CMD: RMS P/L ID-SET - STD PL N-PROXI	
			RMS RLT CMD ID: C770001 (X650)	
			GMT _____:_____:_____ (HR:MIN:SEC)	
			2. VERIFY:RMS P/L ID - STD PL N-PROXI	
			RMS RLT TLM ID: T770004 (Z36)	
210-109	KCTE		TCMS	
			CT-GNC	
			JEM RMS P/L ID NUMERICAL VALUE	
			PUI:JRRC00SWMI09J	
			ENG: RMS P/L ID@MDP	
			RECORD VALUE: _____ (DECIMAL)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-110	KCTE		TCMS CT-GNC VERIFY: 1. DATA QUALITY INDICATOR - 1[INVALID] PUI: JRRC00SWMG01J ENG: JEMRMS DATA QUAL IND VERIFY VALUE = 1 RECORD: 2. HANDLING OBJECT STATUS PUI: JRRC00SWMG02J ENG: JEMRMS HANDLING OBJECT STAT RECORD VALUE _____ (0) 3. ISS ISS JEM RMS P/L ID PUI: JRRC00SWMG03U ENG: JEMRMS P/L ID RECORD VALUE: _____(BD) 4. JEM RMS P/L POS(X) PUI: JRRC00SWMG04H ENG: JEMRMS P/L POS X RECORD VALUE: _____(BD) 5. JEM RMS P/L POS(Y) PUI: JRRC00SWMG05H ENG: JEMRMS P/L POS Y RECORD VALUE: _____(BD) 6. JEM RMS P/L POS(Z) PUI: JRRC00SWMG06H ENG: JEMRMS P/L POS Z RECORD VALUE: _____(BD) ~OMRSD A3000MG.100-B (NO UPDATE OF DQI,GNC P/L ID AFTER PAYLOAD CAPTURE)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-111	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE):MAIN ARM “MA FOR DATA”	
			RECORD/VERIFY:	
			1. MDP FOR (X) PUI: JRRC00SWMA05H ENG: FOR X@MDP RMS RLT TLM ID: T730017 (Z253_1) RECORD VALUE: _____(700 ± 1 CM)	
			2. MDP FOR (Y) PUI: JRRC00SWMA06H ENG: FOR Y@MDP RMS RLT TLM ID: T730018 (Z253_2) RECORD VALUE: _____(100 ± 1 CM)	
			3. MDP FOR (Z) PUI: JRRC00SWMA07H ENG: FOR Z@MDP RMS RLT TLM ID: T730019 (Z253_3) RECORD VALUE: _____(-200 ± 1 CM)	
			4. MDP FOR PITCH PUI: JRRC00SWMA09H ENG: FOR PITCH@MDP RMS RLT TLM ID: T730021 (Z253_5) RECORD VALUE: _____(0.0 ± 0.1 DEG)	
			5. MDP FOR YAW PUI: JRRC00SWMA10H ENG: FOR YAW@MDP RMS RLT TLM ID: T730022 (Z253_6) RECORD VALUE: _____(0.0 ± 0.1 DEG)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			6. MDP FOR ROLL PUI: JRRC00SWMA08H ENG: FOR ROLL@MDP RMS RLT TLM ID: T730020 (Z253_4) RECORD VALUE: _____(0.0 ± 0.1 DEG)	
210-112	KCTE	MS1	PCS HOMEPAGE: MCG SUMMARY “POINTING AND SUPPORT” 1. RECORD: ISS CENTER OF MASS (COM) ('X','Y','Z'): X = _____ M(98.897 ± 1%) PUI: LADP06MD2281H ENG: CDT_PS_ISSACMX Y = _____ M (-2.696 ± 1%) PUI: LADP06MD2282H ENG: CDT_PS_ISSACMY Z = _____ M (109.552 ± 1%) PUI: LADP06MD2283H ENG: CDT_PS_ISSACMZ 2. RECORD: ISS TOTAL MASS = _____ KG (199014.2 ± 1%) PUI: LADP06MD2279G ENG: CDT_PS_ISSAMASS	
210-113	KCTE	MS1	PCS HOMEPAGE: MCG SUMMARY “POINTING AND SUPPORT” VERIFY ISS MASS AND CENTER OF MASS UNCHANGED FROM THE PREVIOUS VALUE ~OMRSD A3000MG.100-B (CENTER OF MASS VALUES AFTER PAYLOAD CAPTURE) **JEM RMS (SIM) RELEASE OF PAYLOAD #2**	
210-114	PTC 052	DKQM	RECORD THE FOLLOWING INFORMATION: GMT _____:_____:_____: (DAY:HR:MIN)	

NV:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-115	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE)	
			“MODE”	
			CMD: MA LIMP-SET	
			RMS RLT CMD ID: C720011 (X422)	
			GMT _____:_____:_____ (HR:MIN:SEC)	
210-116	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE)	
			“MODE”	
			VERIFY:MDP SUB MODE	
			STATE: “(MA LIMP)”[DODGERBLUE]	
			PUI: JRRC00SWMT67J	
			ENG: MDP SUB MODE	
			RMS RLT TLM ID: T720056 (Z23)	
			VALUE: (100001)B [MA LIMP]	
			GMT _____:_____:_____ (DAY:HR:MIN)	
210-117	KCTE	TLM	RIP	
	TLM	RLT	END EFFECTOR ENABLE 1 – ON (UP)	
				T:_____

NOTE

WAIT A MINIMUM OF TEN SECONDS BEFORE PROCEEDING

210-118	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE):MAIN ARM	
			“EE”	
			VERIFY: JEU WR EE INH1 SW FLAG	
			STATE: “EE ENABLE SW1”[DODGERBLUE]	
			PUI: JRRC00SWHT04J	
			ENG: MA EE INH1 SW OP/CL@WR JEU	
			RMS RLT TLM ID: TE10015 (Z48_1)	
			VALUE: (0)B	
210-119	KCTE	TLM	RIP	
	TLM	MJ1	END EFFECTOR ENABLE 2 – ON (UP)	
				T:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			NOTE WAIT A MINIMUM OF TEN SECOND BEFORE PROCEEDING	
210-120	KCTE TLM	TLM RLT	RLT JEMRMS(HOMEPAGE):MAIN ARM “EE” VERIFY: JEU WR EE INH2 SW FLAG STATE: “EE ENABLE SW2”[DODGERBLUE] PUI: JRRC00SWHT03J ENG: MA EE INH2 SW OP/CL@WR JEU RMS RLT TLM ID: TE10016 (Z48_2) VALUE: (0)B	
210-121	KCTE TLM	TLM RLT	RLT JEMRMS(HOMEPAGE):MAGIC:COMMAND LIST: COMPOSITION:SAFETY:INHIBIT ‘JEMRMS: COMMAND LIST’ 1. CMD: HC CAP/REL CMD OVRD1-ENABLE - (1)B [ENABLE] PUI: JRRC00SWRCA4L RMS RLT CMD ID: CE10014 (X603) GMT _____:_____:_____ (HR:MIN:SEC) RLT: JEMRMS(HOMEPAGE):MAGIC:TELEMETRY LIST: COMPOSITION:SAFETY:INHIBIT ‘JEMRMS: TELEMETRY LIST’ 2. VERIFY: HC CAP/REL OVRD1 FLAG STAT - (1)B [ENABLE] PUI: JRRC00SWMJ02J ENG: HC CAP/REL CMD OVRD ENA/DIS RMS RLT TLM ID: TE10081 (Z1676)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-122	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE):MAGIC:TELEMETRY LIST:COMPOSITION:CONSOLE:HC 'JEMRMS: COMMAND LIST' 1. CMD: HC CAP/REL CMD-OVERRIDE - (1)B [OVERRIDE] PUI: JRRC00SWRCA2L ENG: JPM_EVR_HC_CAP/REL_OVRD_EXEC_(MDP)_TMPLT RMS RLT CMD ID: C760002 (X604) GMT _____:_____:_____ (HR:MIN:SEC) RLT:JEMRMS(HOMEPAGE):MAGIC:TELEMETRY LIST: COMPOSITION:CONSOLE:HC 'JEMRMS: TELEMETRY LIST' 2. VERIFY: HC CAP/REL OVRD2 FLAG STAT - (1)B [ENABLE] PUI: JRRC00SWMT71J ENG: HC CAP/REL INH OVRD STAT RMS RLT TLM ID: T760003 (Z1677)	
210-123	KCTE	TLM	RHC	
	TLM	MJ1	PULL TRIGGER AND RELEASE TO SEND THE EE RELEASE COMMAND FROM THE RHC. GMT _____:_____:_____ (DAY:HR:MIN)	
				T:_____
210-124	KCTE	TLM	RIP	
	TLM	RLT	END EFFECTOR ENABLE 1 – OFF (DOWN)	
				T:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			NOTE WAIT A MINIMUM OF TEN SECONDS BEFORE PROCEEDING	
210-125	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE):MAIN ARM "EE" 1. VERIFY:JEU WR EE INH1 SW FLAG STATE: "EE ENABLE SW1"[GRAY] PUI: JRRC00SWHT04J ENG: MA EE INH1 SW OP/CL@WR JEU RMS RLT TLM ID: TE10015 (Z48_1) VALUE: (1)B 2. VERIFY:JEU WR EE INH2 SW FLAG - [1]B [GRAY] STATE: "EE ENABLE SW2"[GRAY] PUI: JRRC00SWHT03J ENG: MA EE INH2 SW OP/CL@WR JEU RMS RLT TLM ID: TE10016 (Z48_2) VALUE: (1)B	
210-126	KCTE	TLM	RIP	
	TLM	MJ1	END EFFECTOR ENABLE 2 – OFF (DOWN)	

T:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-127	KCTE		TCMS CT-GNC VERIFY: 1. DATA QUALITY INDICATOR - 1[INVALID] ENG: JEMRMS DATA QUAL IND PUI: JRRC00SWMG01J ENG: JEMRMS DATA QUAL IND VERIFY VALUE = 1 RECORD: 2. HANDLING OBJECT STATUS PUI: JRRC00SWMG02J ENG: JEMRMS HANDLING OBJECT STAT RECORD VALUE _____ (0) 3. ISS JEM RMS P/L ID PUI: JRRC00SWMG03U ENG: JEMRMS P/L ID RECORD VALUE: _____(BD) 4. JEM RMS P/L POS(X) PUI: JRRC00SWMG04H ENG: JEMRMS P/L POS X RECORD VALUE: _____(BD) 5. JEM RMS P/L POS(Y) PUI: JRRC00SWMG05H ENG: JEMRMS P/L POS Y RECORD VALUE: _____(BD) 6. JEM RMS P/L POS(Z) PUI: JRRC00SWMG06H ENG: JEMRMS P/L POS Z RECORD VALUE: _____(BD)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-128	KCTE	MS1	PCS HOMEPAGE: MCG SUMMARY “POINTING AND SUPPORT” 1. RECORD: ISS CENTER OF MASS (COM) (‘X’,’Y’,’Z’): X = _____ M(98.897 ± 1%) PUI:LADP06MD2281H ENG: CDT_PS_ISSACMX Y = _____ M (-2.696 ± 1%) PUI: LADP06MD2282H ENG: CDT_PS_ISSACMY Z = _____ M (109.552 ± 1%) PUI: LADP06MD2283H ENG: CDT_PS_ISSACMZ 2. RECORD: ISS TOTAL MASS = _____ KG (199014.2 ± 1%) PUI: LADP06MD2279G ENG: CDT_PS_ISSAMASS	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-129	KCTE	MS1	PCS HOMEPAGE: MCG SUMMARY “POINTING AND SUPPORT” VERIFY ISS MASS AND CENTER OF MASS UNCHANGED FROM THE PREVIOUS VALUE	
210-130	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE) “MODE” CMD: MA POSN HOLD-SET RMS RLT CMD ID: C720015 (X397) GMT _____:_____:_____ (HR:MIN:SEC)	
210-131	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE) “MODE” VERIFY: MDP SUB MODE STATE: “(MA POSITION HOLD)” [DODGERBLUE] PUI: JRRC00SWMT67J ENG: MDP SUB MODE RMS RLT TLM ID: T720056 (Z23) VALUE: [100010]B (MA POSITION HOLD)	
210-132	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE):MAIN ARM “P/L” 1. CMD: RMS P/L ID-SET - UNLOADED RMS RLT CMD ID: C770001 (X650) GMT _____:_____:_____ (HR:MIN:SEC) 2. VERIFY: RMS P/L ID - VALUE: UNLOADED RMS RLT TLM ID: T770004 (Z36)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-133	KCTE		TCMS CT-GNC VERIFY: 1. DATA QUALITY INDICATOR - 1[INVALID] PUI: JRRC00SWMG01J ENG: JEMRMS DATA QUAL IND VERIFY VALUE = 1 RECORD: 2. HANDLING OBJECT STATUS PUI: JRRC00SWMG02J ENG: JEMRMS HANDLING OBJECT STAT RECORD VALUE _____ (0) 3. ISS JEM RMS P/L ID PUI: JRRC00SWMG03U ENG: JEMRMS P/L ID RECORD VALUE: _____(BD) 4. JEM RMS P/L POS(X) PUI: JRRC00SWMG04H ENG: JEMRMS P/L POS X RECORD VALUE: _____(BD) 5. JEM RMS P/L POS(Y) PUI: JRRC00SWMG05H ENG: JEMRMS P/L POS Y RECORD VALUE: _____(BD) 6. JEM RMS P/L POS(Z) PUI: JRRC00SWMG06H ENG: JEMRMS P/L POS Z RECORD VALUE: _____(BD) ~OMRSD A3000MG.100-B (NO UPDATE OF DQI,GNC P/L ID AFTER PAYLOAD RELEASED)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-134	KCTE	MS1	PCS HOMEPAGE: MCG SUMMARY “POINTING AND SUPPORT” 1. RECORD: ISS CENTER OF MASS (COM) (‘X’,’Y’,’Z’): X = _____ M(98.897 ± 1%) PUI: LADP06MD2281H ENG: CDT_PS_ISSACMX Y = _____ M (-2.696 ± 1%) PUI: LADPO6MD2282H ENG: CDT_PS_ISSACMY Z = _____ M (109.552 ± 1%) PUI: LADP06MD2283H ENG: CDT_PS_ISSACMZ 2. RECORD: ISS TOTAL MASS = _____ KG (199014.2 ± 1%) PUI: LADP06MD2279G ENG: CDT_PS_ISSAMASS	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-135	KCTE	MS1	PCS HOMEPAGE: MCG SUMMARY “POINTING AND SUPPORT” VERIFY ISS MASS AND CENTER OF MASS UNCHANGED FROM THE PREVIOUS VALUE ~OMRSD A3000MG.100-B (NO UPDATE OF CENTER OF MASS VALUES AFTER PAYLOAD RELEASE)	
210-136	KCTE TLM	TLM MJ1	RIP 1. CMD: MA BRAKE SWITCH – ON (UP)	T:_____
			2. VERIFY: MA BRAKES - ON [INDICATOR ILLUMINATED]	
			NOTE DO NOT PERFORM FOLLOWING STEPS IF THE ARM SIMULATOR IS REQUIRED FOR FURTHER OPERATIONS.	
210-137	KCTE TLM	TLM RLT	RLT JEMRMS(HOMEPAGE):POWER:PDB STATUS “PDB POWER STATUS” CMD: PDB EXT2 PWR-OFF RMS RLT CMD ID: C110004 (X-13) GMT _____:_____:_____ (HR:MIN:SEC)	NOT PERFORMED:_____
210-138	KCTE TLM	TLM RLT	RLT “JEMRMS(HOMEPAGE)” VERIFY: MDP MAIN MODE - [00] B (STANDBY) RMS RLT TLM ID: T720055 (Z26) VALUE: [00] B (STANDBY)	NOT PERFORMED:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			JEM RMS MAIN ARM DEACTIVATION	
210-139	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE):COMM "ACU COMM STATUS" INITIATE COMMAND JEU RT DISABLE	
			GMT _____:_____:_____ (DAY:HR:MIN)	
				NOT PERFORMED:_____
210-140	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE) "SY JEU STATUS:JEU POWER" OFF INITIATE COMMAND JEU ALL PWR-OFF	
			GMT _____:_____:_____ (DAY:HR:MIN)	
				NOT PERFORMED:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-141	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE):COMM "ACU COMM STATUS" VERIFY: 1. SY: DATA:[JEU]: JEU1 RT FLAG VALUE: DISABLE 2. SP: DATA:[JEU]: JEU2 RT FLAG VALUE: DISABLE 3. EP: DATA:[JEU]: JEU3 RT FLAG VALUE: DISABLE 4. WP: DATA:[JEU]: JEU4 RT FLAG VALUE: DISABLE 5. WY: DATA:[JEU]: JEU5 RT FLAG VALUE: DISABLE 6. WR: DATA:[JEU]: JEU6 RT FLAG VALUE: DISABLE	

NOT PERFORMED:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-142	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE):POWER:PDB STATUS “PDB POWER STATUS”	
			1. CMD: PDB EXT3 PWR-OFF GMT _____:_____:_____ (HR:MIN:SEC)	
			2. DKQM RECORD DEACTIVATION TIME IN ‘RMS ACTIVATION/DEACTIVATION LOG’ APPENDIX F.	
			3. VERIFY :[PDB]: PDB EXT3 OUT VOLT RMS RLT TLM ID:T210002 (Z123_3) VALUE: 0 [V]	
			4. DKQM RECORD OUTPUT VOLTAGE IN ‘RMS ACTIVATION/DEACTIVATION LOG’ APPENDIX F.	
				NOT PERFORMED:_____
210-143	KCTE	TLM	RLT	
	TLM	RLT	JEMRMS(HOMEPAGE):POWER:PDB STATUS “PDB POWER STATUS”	
			INITIATE COMMAND PDB EXT PWR-OFF GMT _____:_____:_____ (DAY:HR:MIN)	
				NV:_____
				NOT PERFORMED:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

TRANSITION STATION MODE FROM EVA (EXTERNAL OPS) MODE TO STANDARD MODE

NOTE

THE FOLLOWING TWO STEPS ARE USED TO SETUP A MODE TRANSITION COMMAND.

210-144 KCDH MS1 PCS
C&DH SUMMARY:STATION MODE:STANDARD

'TRANSITION VALIDITY'
'CHECKS INHIBIT'

1. CMD: ARM <EXECUTE>
   PUI: LADD96IM0246K
   ENG:PRIM_CCS_ARM_XTION_VALIDITY_CHECKS_INH

   GMT _____:_____:_____ (HR:MIN:SEC)

2. VERIFY: CHECKS INHIBIT – ARM
   PUI: LADP01MDARHLJ
   ENG: SMC CVT TRANSITION VALIDATION DISABLE AUTHORIZATION

NOT PERFORMED:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-145	KCDH	MS1	PCS C&DH SUMMARY:STATION MODE:STANDARD 'TRANSITION VALIDITY' 'CHECKS INHIBIT' 1. CMD: INHIBIT <EXECUTE> PUI: LADD96IM1020K OPS: PRIM_CCS_INH_XTION_VALIDITY_CHECKS GMT _____:_____:_____ (HR:MIN:SEC) 2. VERIFY: CHECKS INHIBIT – DISARM PUI: LADP01MDARHLJ ENG: SMC CVT TRANSITION VALIDATION DISABLE AUTHORIZATION 3. VERIFY: CHECKS STATE STATUS – INH PUI: LADP01MDARHFJ ENG: SMC CVT TRANSITION VALIDATION CHECK 'MANUAL TRANSITION' 4. VERIFY: IP MODE COORDINATION IN PROGRESS-BLANK PUI: LADP01MDARHIJ ENG: SMC CVT IP MODE COORDINATION IN PROGRESS 5. VERIFY: TRANSITION IN PROGRESS – BLANK PUI: LADP01MDARI1J ENG: SMC CVT TRANSITION IN PROGRESS NOT PERFORMED:_____	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.

TRANSITION TO STANDARD MODE

NOTE

PERFORM THE FOLLOWING STEPS AS REQUIRED TO COMPLETE TRANSITION TO STANDARD MODE.

NOTE

ONCE THE TRANSITION TO STANDARD COMMAND HAS BEEN EXECUTED, THE CONFIRM TRANSITION COMMAND MUST BE EXECUTED WITHIN 1 MINUTE.

210-146 KCDH MS1 PCS
C&DH SUMMARY:STATION MODE:STANDARD

'MANUAL TRANSITION'

1. CMD: TRANSITION TO STANDARD <EXECUTE>
   PUI: LADD96IM0255K
   OPS: PRIM_CCS_XTION_STATION_MODE_STANDARD

   GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:
2. IP MODE COORDINATION IN PROGRESS - X

3. VALIDITY CHECKS PASSED - CONFIRM

4. VALIDITY CHECKS FAILED - BLANK

5. TRANSITION CONFIRMATION INVALID - BLANK

6. TRANSITION CANCELLED - BLANK

NOT PERFORMED:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-147	KCDH	MS1	PCS C&DH SUMMARY:STATION MODE:STANDARD 'MANUAL TRANSITION' 1. CMD: CONFIRM TRANSITION <EXECUTE> PUI: LADD96IM0254K ENG: PRIM_CCS_XTION_CMD_CONFIRM GMT _____:_____:_____ (HR:MIN:SEC) 2. VERIFY: CURRENT STATION MODE – STANDARD PUI: LADP01MDARHWJ ENG: SMC CVT COMMANDED STATION MODE	
				NOT PERFORMED:_____
210-148	KCTE TLM	TLM MJ1	DEACTIVATE JEM RMS ARM SIMULATOR AND REPORT WHEN COMPLETE RECORD THE PROCEDURE THAT RUNS JEM RMS ARM SIMULATOR DEACTIVATION _____ START GMT _____:_____:_____ (DAY:HR:MIN)	
				NV:_____
			COMPLETE GMT _____:_____:_____ (DAY:HR:MIN)	
				NV:_____
				NOT PERFORMED:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
210-149	KCTE	SSFE	CONFIGURE LAB EMULATOR TO POWER OFF GNC SYSTEM PER R2005, ADVISE WHEN COMPLETE. SEQ. NO.: _____ RECORD THE FOLLOWING INFORMATION: START GMT _____:_____:_____ (DAY:HR:MIN)	NV:_____
			COMPLETE GMT _____:_____:_____ (DAY:HR:MIN)	NV:_____
				NOT PERFORMED:_____
			NOTE PERFORM THE FOLLOWING STEP IF THE RMS CONSOLE IS TO BE DEACTIVATED.	
210-150	PTC	KCTE DKQM	PROCEED WITH OPERATION SUPPORT SETUP – TITLE: JEM RMS CONSOLE DEACTIVATION OMI NO.: _____ SEQ. NO.: _____ RECORD THE FOLLOWING INFORMATION: START GMT _____:_____:_____ (DAY:HR:MIN)	NV:_____
			COMPLETE GMT _____:_____:_____ (DAY:HR:MIN)	NV:_____
				NOT PERFORMED:_____
210-151	KCTE PTC	PTC DKQM	JEM RMS GNC MASS PROPERTIES TEST COMPLETE. GMT _____:_____:_____ (DAY:HR:MIN)	NV:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
211-000			**MEIT3 DEACTIVATION**	
211-001	PTC	DKQM	RECORD THE FOLLOWING INFORMATION: GMT _____:_____:_____ (DAY:HR:MIN)	NV:_____
			NOTE THIS SEQUENCE WILL BE USED TO DEACTIVATE THE JEM AND NODE 2 ELEMENTS, AND SUPPORTING GSE. THE STEPS IN THIS SEQUENCE WILL BE PERFORMED AS REQUIRED DEPENDING ON THE CONFIGURATION.	
			NOTE PERFORM THE FOLLOWING STEP TO DEACTIVATE THE JEM IF BOTH THE A AND B STRINGS ARE POWERED WITH FLIGHT COOLING ACTIVATED.	
211-002	PTC	DKQM	PERFORM JEM MODULE DEACTIVATION (JCP-B PRIMARY)PER R0031V2 SEQUENCE 114 REPORT COMPLETE. START GMT _____:_____:_____ (DAY:HR:MIN) COMPLETE GMT _____:_____:_____ (DAY:HR:MIN)	NV:_____ NOT PERFORMED:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			NOTE PERFORM THE FOLLOWING STEP TO DEACTIVATE THE JEM IF ONLY THE A STRING IS POWERED WITH FLIGHT COOLING ACTIVATED.	
211-003	PTC	DKQM	PERFORM JEM A-STRING DEACTIVATION (JCP-A PRIMARY) PER R0031V2 SEQUENCE 117 REPORT COMPLETE. START GMT _____:_____:_____ (DAY:HR:MIN) COMPLETE GMT _____:_____:_____ (DAY:HR:MIN)	NV:_____ NOT PERFORMED:_____
			NOTE PERFORM THE FOLLOWING STEP TO DEACTIVATE THE JEM IF JCP B IS PRIMARY WITH GSE COOLING.	
211-004	PTC	DKQM	PERFORM JEM COMMON DEACTIVATION (JCP-B PRIMARY) PER R2009 SEQUENCE 18. REPORT COMPLETE. START GMT _____:_____:_____ (DAY:HR:MIN) COMPLETE GMT _____:_____:_____ (DAY:HR:MIN)	NV:_____ NOT PERFORMED:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			NOTE NODE 2 DEACTIVATION MAY BE PERFORMED IN PARALLEL WITH JEM TCS GSE DEACTIVATION AND DPE DEACTIVATION.	
211-005	PTC	KTCS DKQM	PERFORM DAILY TCS GSE DEACTIVATION PER R0031V1 POST OPERATION INSTRUCTION SEQUENCE 93. REPORT COMPLETE. START GMT _____:_____:_____ (DAY:HR:MIN) COMPLETE GMT _____:_____:_____ (DAY:HR:MIN)	
				NV:_____
				NOT PERFORMED:_____
211-006	PTC	TLM	STOP DPE DATA LOGGING GMT _____:_____:_____ (DAY:HR:MIN)	
				NOT PERFORMED:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
211-007	PTC	TLM DKQM	PERFORM JEM DATA PROCESSING EQUIPMENT DEACTIVATION PER JTP-321014. REPORT COMPLETE. START GMT _____:_____:_____ (DAY:HR:MIN) COMPLETE GMT _____:_____:_____ (DAY:HR:MIN)	NV:_____ NOT PERFORMED:_____
211-008	PTC	DKQM	PERFORM NODE 2 DEACTIVATION (FOR TEST BREAK) NODE2 PER R01120V2 SEQUENCE 222 START GMT _____:_____:_____ (DAY:HR:MIN) COMPLETE GMT _____:_____:_____ (DAY:HR:MIN)	NV:_____ NOT PERFORMED:_____

NOTE

PERFORMED THE FOLLOWING SUPPORT IF PDAS SUPPORT IS NO LONGER REQUIRED.

211-009	PTC	SDAS DKQM	PERFORM PDAS DEACTIVATION PER OMI R2513. REPORT COMPLETE. START GMT _____:_____:_____ (DAY:HR:MIN) COMPLETE GMT _____:_____:_____ (DAY:HR:MIN)	NV:_____ NOT PERFORMED:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			NOTE PERFORMED THE FOLLOWING STEP IF TCMS SUPPORT IS NO LONGER REQUIRED.	
211-010	PTC	ACME DKQM	PERFORM TCMS DEACTIVATION PER OMI R3510. OPTICAL DISK RECORDING OF 1553 BUS TRAFFIC IS NO LONGER REQUIRED. REPORT COMPLETE. START GMT _____:_____:_____ (DAY:HR:MIN) COMPLETE GMT _____:_____:_____ (DAY:HR:MIN)	NV:_____ NOT PERFORMED:_____
211-011	PTC	YOPS	DEACTIVATE BLUE POWERED ON TESTING LIGHTS FOR NODE 2 AND JEM	
211-012	TIE PTC 052	PTC DKQM	MEIT3 DEACTIVATION COMPLETE. GMT: _____:_____:_____ (DAY:HR:MIN)	NV:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
212-000			**FINAL POWER DOWN AND BREAK OF CONFIGURATION VERIFICATION**	
212-001	PTC	DKQM	RECORD THE FOLLOWING INFORMATION: GMT _____:_____:_____ (DAY:HR:MIN)	NV:_____
212-002	PTC	ALL	ALL PERSONNEL STAND BY FOR FINAL ON-NET POWER DOWN VERIFICATION. ITEMS OF DISCUSSION WILL INCLUDE STATUS OF IPR'S, PR'S STATUS OF PROCEDURAL DEVIATIONS AND GENERAL COMMENTS ON TEST PERFORMANCE.	
212-003	PTC 052	ALL	VERIFY ALL MEIT3 OBJECTIVES HAVE BEEN MET AND THERE ARE NO CONSTRAINTS TO FINAL POWER DOWN OF FLIGHT ELEMENTS AND TEST SITE.	
212-004	PTC 052	ALL	VERIFY THERE ARE NO CONSTRAINTS FOR DECONFIGURATION OF MEIT3 TEST CONFIGURATION.	
212-005	PTC 052	DKQM	FINAL POWER DOWN AND BREAK OF CONFIGURATION VERIFICATION IS COMPLETE. GMT: _____:_____:_____ (DAY:HR:MIN)	NV:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION IV - OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
213-000			**TEST SITE SUPPORT RELEASE**	
213-001	PTC	DKQM	RECORD THE FOLLOWING INFORMATION: GMT _____:_____:_____ (DAY:HR:MIN)	
				NV:_____
213-002	PTC	STEO	TCDS SUPPORT IS RELEASED.	
213-003	PTC	ACME	TCMS SUPPORT NO LONGER REQUIRED. INHIBIT OPTICAL DISK RECORDING.	
213-004	PTC	ACME	VERIFY ALL USERS HAVE LOGGED OFF.	
213-005		ACME	DEACTIVATE TCMS PER OMI R3510. RECORD STOP TIME: GMT _____:_____:_____ (DAY:HR:MIN)	
			NOTE THE FOLLOWING STEP WILL BE NOT PERFORMED AS INDICATED BY THE PTC.	
213-006	PTC	ACME	UNISOLATE TCMS.	
				NOT PERFORMED:_____
213-007	PTC	ALL	MEIT3/LAB EMULATOR/TEST SITE SUPPORT NO LONGER REQUIRED FOR MEIT3 ACTIVITIES.	
213-008	PTC 7-4428	*PLC	TERMINATE VOICE AND VIDEO RECORDINGS IN SUPPORT OF MEIT3. TEST COMPLETE AND SUPPORT IS RELEASED.	
213-009	PTC 052	ALL DKQM	TEST SITE SUPPORT RELEASE COMPLETE. GMT _____:_____:_____ (DAY:HR:MIN)	

RELEASED - Printed documents may be obsolete; validate prior to use.

SECTION V - POST OPERATION INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
214-000			**POST OPERATION INSTRUCTION – PROCEDURE CLOSURE**	
214-001			CLOSE THIS PROCEDURE	
				NV:_____
				TL:_____
214-002			CM REVIEW COMPLETE	
				CM:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

ILLUSTRATIONS

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX A

JEM PDH ACT/DEACT LOG

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX B

PDAS SENSOR INFORMATION

TABLE MEIT 3 (INPUT TO NODE 2)

	LOCATION (BREAKOUT BOX DESIGNATION)	SENSOR SIZE	SERIAL NUMBER
1	DDCU/RPCM SIM 1		
2	DDCU/RPCM SIM 2		
3	N2ZEN3A		
4	N2ZEN2B		
5	N2STB1B		
6	N2STB4A		
7	N2PRT3A		
8	N2PRT2A		
9	N2NAD1B		
10	N2NAD4B		
11	N2NAD1A4A		
12	N2ZEN2A3B		

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX B

TABLE MEIT 3 (NODE 2 TO JEM)

	LOCATION (BREAKOUT BOX DESIGNATION)	**SENSOR SIZE**	**SERIAL NUMBER**
1	JEMPM2/ (SENSORS 1 & 2)		
2	JEMPM1/ (SENSORS 1 & 2)		
3	UOP		
4	JEMA/ (SENSORS 1 & 2)		
5	JEMB/ (SENSORS 1 & 2)		

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX C

PCS DATA COLLECTION GUIDLINES

RELEASED - Printed documents may be obsolete; validate prior to use.

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX D

PDH EMON FILES

PUI	OPS NAME	NOMINAL STATE	EXCEPTION STATE
JSDC00SWDO2CJ	PDH ERROR STATUS(CCU,SRAM_1BIT_ERROR)	0 =NORMAL	1=ABNORMAL
JSDC00SWDO2DJ	PDH ERROR STATUS(BCU,SRAM_1BIT_ERROR)	0 = NORMAL	1 = ABNORMAL
JSDC00SWDO2EJ	PDH ERROR STATUS(CCU,CDPM_PARITY_ERROR)	0 = NORMAL	1 = ABNORMAL
JSDC00SWDO2FJ	PDH ERROR STATUS(BCU,CDPM_PARITY_ERROR)	0 = NORMAL	1 = ABNORMAL
JSDC00SWDO27J	PDH SOFTWARE ERROR STATUS	0 = NORMAL	1 = ABNORMAL
JSDC00SWDO1WJ	PDH FATAL ERROR STATUS(CCU,BCU_NMI)	0 = NORMAL	1 = ABNORMAL
JSDC00SWDO20J	PDH FATAL ERROR STATUS(CCU,BUS_PARITY_ERROR)	0 = NORMAL	1 = ABNORMAL
JSDC00SWDO21J	PDH FATAL ERROR STATUS(CCU,WATCHDOG_TIMER_OVERFLOW)	0 = NORMAL	1 = ABNORMAL
JSDC00SWDO22J	PDH FATAL ERROR STATUS(CCU,SRAM_2BIT_ERROR)	0 = NORMAL	1 = ABNORMAL
JSDC00SWDO23J	PDH FATAL ERROR STATUS(BCU,CCU_NMI)	0 = NORMAL	1 = ABNORMAL
JSDC00SWD024J	PDH FATAL ERROR STATUS(BCU,BUS_PARITY_ERROR)	0 = NORMAL	1 = ABNORMAL
JSDC00SWD025J	PDH FATAL ERROR STATUS(BCU,WATCHDOG_TIMER_OVERFLOW)	0 = NORMAL	1 = ABNORMAL
JSDC00SWD026J	PDH FATAL ERROR STATUS(BCU,SRAM_2BIT_ERROR)	0 = NORMAL	1 = ABNORMAL

DIU EPS 1 EMON FILE (PRE JCP ACTIVATION)

PUI	OPS NAME	NOMINAL STATE	EXCEPTION STATE
JMDC03FC0011W	DIU-III-A STATUS/DISCRETE INPUT DATA FRAME TIME TAG	INCREMENTING	NOT INCREMENTING
JMDC03FCA119J	EPS_RACK1_DIU NIA BUS ACCESS TIMEOUT [ACT]	0 = NORMAL	1 = ABNORMAL
JMDC03FCA11AJ	EPS_RACK1_DIU ADX A/D CONVERT TIMEOUT [ACT]	0 = NORMAL	1 = ABNORMAL
JMDC03FCA11BJ	EPS_RACK1_DIU MPU HALT [ACT]	0 = NORMAL	1 = ABNORMAL
JMDC03FCA11CJ	EPS_RACK1_DIU MPU PARITY ERROR [ACT]	0 = NORMAL	1 = ABNORMAL

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX D

JMDC03FCA11DJ	EPS_RACK1_DIU RAM EEC ERROR [ACT]	0 = NORMAL	1 = ABNORMAL
JMDC03FCA11EJ	EPS_RACK1_DIU ROM EEC ERROR [ACT]	0 = NORMAL	1 = ABNORMAL
JMDC03FCA10ZJ	EPS_RACK1_DIU SW120_8S BUS ACCESS TIMEOUT [ACT]	0 = NORMAL	1 = ABNORMAL
JMDC03FCA115J	EPS_RACK1_DIU AOX BUS ACCESS TIMEOUT [ACT]	0 = NORMAL	1 = ABNORMAL
JMDC03FCA114J	EPS_RACK1_DIU ADX BUS ACCESS TIMEOUT [ACT]	0 = NORMAL	1 = ABNORMAL
JMDC03FCA117J	EPS_RACK1_DIU AIX1 BUS ACCESS TIMEOUT [ACT]	0 = NORMAL	1 = ABNORMAL
JMDC03FCA11HJ	EPS_RACK1_DIU DOX16P16A BIT RESULT [ACT]	0 = NORMAL	1 = ABNORMAL
JMDC03FCA112J	EPS_RACK1_DIU DIA BUS ACCESS TIMEOUT [ACT]	0 = NORMAL	1 = ABNORMAL
JMDC03FCA118J	EPS_RACK1_DIU SIO BUS ACCESS TIMEOUT [ACT]	0 = NORMAL	1 = ABNORMAL

DIU EPS 2 EMON FILE (PRE JCP ACTIVATION)

PUI	OPS NAME	NOMINAL STATE	EXCEPTION STATE
JMDC04FC0011W	DIU-III-B STATUS/DISCRETE INPUT DATA FRAME TIME TAG	INCREMENTING	NOT INCREMENTING
JMDC04FCA619J	EPS_RACK2_DIU NIA BUS ACCESS TIMEOUT [ACT]	0 = NORMAL	1 = ABNORMAL
JMDC04FCA61AJ	EPS_RACK2_DIU ADX A/D CONVERT TIMEOUT [ACT]	0 = NORMAL	1 = ABNORMAL
JMDC04FCA61BJ	EPS_RACK2_DIU MPU HALT [ACT]	0 = NORMAL	1 = ABNORMAL
JMDC04FCA61CJ	EPS_RACK2_DIU MPU PARITY ERROR [ACT]	0 = NORMAL	1 = ABNORMAL
JMDC04FCA61DJ	EPS_RACK2_DIU RAM EEC ERROR [ACT]	0 = NORMAL	1 = ABNORMAL
JMDC04FCA61EJ	EPS_RACK2_DIU ROM EEC ERROR [ACT]	0 = NORMAL	1 = ABNORMAL
JMDC04FCA60ZJ	EPS_RACK2_DIU SW120_8S BUS ACCESS TIMEOUT [ACT]	0 = NORMAL	1 = ABNORMAL
JMDC04FCA615J	EPS_RACK2_DIU AOX BUS ACCESS TIMEOUT [ACT]	0 = NORMAL	1 = ABNORMAL
JMDC04FCA614J	EPS_RACK2_DIU ADX BUS ACCESS TIMEOUT [ACT]	0 = NORMAL	1 = ABNORMAL
JMDC04FCA617J	EPS_RACK2_DIU AIX1 BUS ACCESS TIMEOUT [ACT]	0 = NORMAL	1 = ABNORMAL

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX D

JMDC04FCA61FJ	EPS_RACK2_DIU DOX16P16A BIT RESULT [ACT]	0 = NORMAL	1 = ABNORMAL
JMDC04FCA612J	EPS_RACK2_DIU DIA BUS ACCESS TIMEOUT [ACT]	0 = NORMAL	1 = ABNORMAL
JMDC04FCA618J	EPS_RACK2_DIU SIO BUS ACCESS TIMEOUT [ACT]	0 = NORMAL	1 = ABNORMAL

APPENDIX E

SCRIPT OUTLINES

NOTE

OUTLINES OF THE SCRIPTS WRITTEN TO SUPPORT MEIT3 WILL BE ATTACHED IN THIS APPENDIX BEFORE THE BEGINNING OF MEIT3. UPDATED OUTLINES WILL BE ADDED TO THIS APPENDIX FOR ANY SCRIPTS THAT ARE MODIFIED DURING THE TEST

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX F

RMS ACTIVATION/DEACTIVATION LOG

[ACTIVATION]

ITEM	REF. VALUE	ACTUAL VALUE	ACTUAL VALUE	ACTUAL VALUE	ACTUAL VALUE
DATE	N/A	/	/	/	/
TIME	N/A	: :	: :	: :	: :
PDU B RPC13 ACTIVATION TIME	N/A	: :	: :	: :	: :
PDU B RPC13 OUTPUT CURENT	< 3 [A]	[A]	[A]	[A]	[A]
AAA ROTATION RATE	25200 - 32200 [RPM]	[RPM]	[RPM]	[RPM]	[RPM]
RMS_RACK_SD OBSCURATION VALUE	3.0 - 4.2 [VDIFF]	[VDIFF]	[VDIFF]	[VDIFF]	[VDIFF]
RMS_RACK_SD SCATTER VALUE	-0.2 - 0.2 [VDIFF]	[VDIFF]	[VDIFF]	[VDIFF]	[VDIFF]
RMS_RACK_SD OBSCURATION VALUE	-4.5 - -3.8 [VDIFF]	[VDIFF]	[VDIFF]	[VDIFF]	[VDIFF]
RMS_RACK_SD SCATTER VALUE	1.8 - 4.2 [VDIFF]	[VDIFF]	[VDIFF]	[VDIFF]	[VDIFF]
STATUS					
[PDB]: PDB INT1 OUT VOLT; Z122_1	111 - 126 [V]	[V]	[V]	[V]	[V]
[PDB]: PDB INT2 OUT VOLT; Z122_2	111 - 126 [V]	[V]	[V]	[V]	[V]
[PDB]: PDB IN VOLT; Z116	111 - 126 [V]	[V]	[V]	[V]	[V]
INT3, 4 VOLTAGE					
[PDB]: PDB INT3 OUT VOLT; Z122_3	111 - 126 [V]	[V]	[V]	[V]	[V]
[PDB]: PDB INT4 OUT VOLT; Z122_4	24 - 34 [V]	[V]	[V]	[V]	[V]
TVM1 ACTIVATION TIME	N/A	: :	: :	: :	: :
PDU B RPC13 OUTPUT CURENT	N/A	[A]	[A]	[A]	[A]
TVM2 ACTIVATION TIME	N/A	: :	: :	: :	: :
PDU B RPC13 OUTPUT CURENT	N/A	[A]	[A]	[A]	[A]
CCP ACTIVATION TIME	N/A	: :	: :	: :	: :
GNC & JEM RMS INTERFACE CHECKOUT					
PDB EXT2 PWR ON ACTIVATION TIME	N/A				
PBD EXT2 PWR OUT VOLT	24~34 [V]	[V]	[V]	[V]	[V]
PBD EXT2 PWR OUT CURRENT	0.0 ± 0.5 [A]	[A]	[A]	[A]	[A]

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX F

[SHUTDOWN]					
ITEM	REF. VALUE	ACTUAL VALUE	ACTUAL VALUE	ACTUAL VALUE	ACTUAL VALUE
DATE	N/A	/	/	/	/
TIME	N/A	: :	: :	: :	: :
JEU RT DISABLE DEACTIVATION TIME	N/A				
JEU ALL PWR-OFF DEACTIVATION TIME					
[JEU]:JEU1 RT FLAG; Z156	DISABLE				
[JEU]:JEU2 RT FLAG; Z156	DISABLE				
[JEU]:JEU3 RT FLAG; Z156	DISABLE				
[JEU]:JEU4 RT FLAG; Z156	DISABLE				
[JEU]:JEU5 RT FLAG; Z156	DISABLE				
[JEU]:JEU6 RT FLAG; Z156	DISABLE				
EXT3 VOLTAGE PWR-OFF DEACTIVATION TIME	N/A				
[PDB]: PDB EXT3 OUT VOLT; Z123_3	0 [V]	[V]	[V]	[V]	[V]
PDB EXT PWR-OFF DEACTIVATION TIME	N/A				
CCP SHUTDOWN TIME	N/A	: :	: :	: :	: :
TVM2 SHUTDOWN TIME	N/A	: :	: :	: :	: :
TVM1 SHUTDOWN TIME	N/A	: :	: :	: :	: :
INT3, INT4 SHUTDOWN TIME	N/A	: :	: :	: :	: :
INT3, INT4 VOLTAGE					
[PDB]: PDB INT3 OUT VOLT; Z122_3	0 [V]	[V]	[V]	[V]	[V]
[PDB]: PDB INT4 OUT VOLT; Z122_4	0 [V]	[V]	[V]	[V]	[V]

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX G

FLUIDS PUMP AND FAN ACT/DEACT LOG

THC B FAN

	WAD	TIME (GMT)		
DATE	SEQ/STEP	START	STOP	RUN TIME
			N/A	
		N/A		
			N/A	
		N/A		
			N/A	
		N/A		
			N/A	
		N/A		
			N/A	
		N/A		
			N/A	
		N/A		
			N/A	
		N/A		
			N/A	
		N/A		
			N/A	
		N/A		

* RECORD RUN TIME IN HOURS AND MINUTES.

IMV B FAN - RETURN

	WAD	TIME (GMT)		
DATE	SEQ/STEP	START	STOP	RUN TIME
			N/A	
		N/A		
			N/A	
		N/A		
			N/A	
		N/A		
			N/A	
		N/A		
			N/A	
		N/A		
			N/A	
		N/A		
			N/A	
		N/A		
			N/A	
		N/A		
			N/A	
		N/A		

* RECORD RUN TIME IN HOURS AND MINUTES.

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX G

THC A FAN

	WAD	TIME (GMT)		
DATE	SEQ/STEP	START	STOP	RUN TIME
			N/A	
		N/A		
			N/A	
		N/A		
			N/A	
		N/A		
			N/A	
		N/A		
			N/A	
		N/A		
			N/A	
		N/A		
			N/A	
		N/A		
			N/A	
		N/A		
			N/A	
		N/A		

* RECORD RUN TIME IN HOURS AND MINUTES.

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX G

IMV A FAN - SUPPLY

	WAD	TIME (GMT)		
DATE	SEQ/STEP	START	STOP	RUN TIME
			N/A	
		N/A		
			N/A	
		N/A		
			N/A	
		N/A		
			N/A	
		N/A		
			N/A	
		N/A		
			N/A	
		N/A		
			N/A	
		N/A		
			N/A	
		N/A		
			N/A	
		N/A		

* RECORD RUN TIME IN HOURS AND MINUTES.

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX G

LTL PUMP

	WAD	TIME (GMT)		
DATE	SEQ/STEP	START	STOP	RUN TIME
			N/A	
		N/A		
			N/A	
		N/A		
			N/A	
		N/A		
			N/A	
		N/A		
			N/A	
		N/A		
			N/A	
		N/A		
			N/A	
		N/A		
			N/A	
		N/A		
			N/A	
		N/A		

* RECORD RUN TIME IN HOURS AND MINUTES.

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX G

MTL PUMP

	WAD	TIME (GMT)		
DATE	SEQ/STEP	START	STOP	RUN TIME
			N/A	
		N/A		
			N/A	
		N/A		
			N/A	
		N/A		
			N/A	
		N/A		
			N/A	
		N/A		
			N/A	
		N/A		
			N/A	
		N/A		
			N/A	
		N/A		
			N/A	
		N/A		

* RECORD RUN TIME IN HOURS AND MINUTES.

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX H

DELIVERABLE ITEMS SHEET (DIS)

NOTE

THE DELIVERABLE ITEMS SHEET WRITTEN TO SUPPORT MEIT3 WILL BE ATTACHED IN THIS APPENDIX BEFORE THE BEGINNING OF MEIT3.

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX I

STANDARD OUT TO TCMS CONVERSIONS

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RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX J

KNOWN JEM-PM ERRORS

DATA ID	DATA NAME	CONTENT DATA ID	CONTENT DATA NAME	TIMING	CAUSE	RECOVER PROCEDURE	NASA OPS REQUIRED	NASA OPS.ACTION
C4DN-HSS001 W4DN-HSS001	EPS1_DIU HEALTH STATUS SUMMARY	C4DN-PE003 W4DN-PE003	EPS1_DIU RS422PORT3 SMPL ERROR	PIB_A1_POWER OFF (INDEFINITE)	POWER OFF SHOULD BE PERFORMED AFTER DATA FRAME COLLECTION HAS BEEN STOPPED. THE ORDER OF THESE TWO ACTIONS MAY SWITCHOVER DEPENDING ON THE TIMMING OF PROCESSION.	AUTOMATICALLY RECOVERES BY 1SHOT.	NO	N/A
		W4DN-PE006	EPS1_DIU RS422PORT6 SMPL ERROR	TCA-L POWER ON (DURING 120SEC AFTER POWER ON)	COMMUNICATION ERROR WOULD BE DETECTED WHEN PERFORMING START SAMPLING FROM THE DIU-III, WITHOUT WAITING 120SECONDS FOR THE POWER ON BIT (TCA) TO COMPLETE. (CAN NOT COMMUNICATE DURING BIT)	AUTOMATICALLY RECOVERES. WAIT UNTILL THE BIT ENDS.	NO	N/A

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APPENDIX J

C5DN-HSS001 W5DN-HSS001	EPS2_DIU HEALTH STATUS SUMMARY	C5DN-PE003 W5DN-PE003	EPS2_DIU RS422PORT3 SMPL ERROR	PIB_B1_POWER OFF (INDEFINITE)	POWER OFF SHOULD BE PERFORMED AFTER DATA FRAME COLLECTION HAS BEEN STOPPED. THE ORDER OF THESE TWO ACTIONS MAY SWITCHOVER DEPENDING ON THE TIMMING OF PROCESSION.	AUTOMATICALLY RECOVERS BY 1SHOT.	NO	N/A
		W5DN-PE006	EPS2_DIU RS422PORT6 SMPL ERROR	TCA-M POWER ON (DURING 120SEC AFTER COMMAND SENT)	COMMUNICATION ERROR WOULD BE DETECTED WHEN PERFORMING START SAMPLING FROM THE DIU-III, WITHOUT WAITING 120SECONDS FOR THE POWER ON BIT (TCA) TO COMPLETE. (CAN NOT COMMUNICATE DURING BIT)	AUTOMATICALLY RECOVERS. WAIT UNTILL THE BIT ENDS.	NO	N/A
C6DN-HSS001	DIU_A1 HEALTH STATUS SUMMARY	C6DN-PE002	DIU_A1 RS422 PORT2 SAMPL ERROR	PDB_A2_POWER OFF (INDEFINITE)	POWER OFF SHOULD BE PERFORMED AFTER DATA F□AME COLLECTION HAS BEEN STOPPED. THE ORDER OF THESE TWO ACTIONS MAY SWITCHOVER DEPENDING ON THE TIMMING OF PROCESSION.	AUTOMATICALLY RECOVERS BY 1SHOT.	NO	N/A
		C6DN-PE001	DIU_A1 RS422 PORT1 SAMPL ERROR	THC_A POWER OFF (IN CASE DATA FRAME COLLECTION STOP IS NOT PERFORMED IN ADVANCE)	THC POWER OFF COMMAND DOES NOT AUTOMATICALLY STOP DATA FRAME COLLECTION, BECAUSE THE THC FUNCTION IS RELATED TO CREW SAFTY. THEREFORE, ERROR WOULD BE DETECTED WHEN SIMPLY PERFORMING POWER OFF.	SEND DATA FRAME COLLECTION STOP COMMAND.	NO	N/A

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX J

C7DN-HSS001	DIU_A2 HEALTH STATUS SUMMARY	C7DN-PE002	DIU_A2 RS422 PORT2 SAMPLERROR	PIB_A2 POWER OFF (INDEFINITE)	POWER OFF SHOULD BE PERFORMED AFTER DATA FRAME COLLECTION HAS BEEN STOPPED. THE ORDER OF THESE TWO ACTIONS MAY SWITCHOVER DEPENDING ON THE TIMMING OF PROCESSION.	AUTOMATICALLY RECOVERS BY 1SHOT.	NO	N/A
		C7DN-PE003	DIU_A2 RS422 PORT3 SAMPLERROR	PDB_EPS1 POWER OFF	AT THE POINT OF PDB_EPS1POWER OFF, DIU DOESN'T COMMAND TO STOP DATA FRAME COLLECTION.	DOES NOT RECOVER AUTOMATIALLY BUT CAN BE IGNORED. TO RECOVER IT SEND DATA FRAME COLLECTION STOP COMMAND.	YES	1) SEND FOLLOWING CMD FROM PCS. OPSNAME : STOP_SAMPLING SIO PUI : JSDC00SWD00ZL PARAMETERS : RT7, SIO3 2) VERIFY FOLLOWING TLM ON TCMS (DPE). TLM: DIU_A2 RS422 PORT3 SAMPLING ERROR "NORMAL" PUI: JSDC00FCD204J 3) ALARMS TO DISAPPEAR

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX J

C8DN-HSS001	DIU_A3 HEALTH STATUS SUMMARY	C8DN-PE001	DIU_A3 RS422 PORT1 SAMPLERROR	PDB_WS POWER OFF (INDEFINITE)	POWER OFF SHOULD BE PERFORMED AFTER DATA F□AME COLLECTION HAS BEEN STOPPED. THE ORDER OF THESE TWO ACTIONS MAY SWITCHOVER DEPENDING ON THE TIMMING OF PROCESSION.	AUTOMATICALLY RECOVERS BY 1SHOT.	NO	N/A
		C8DN-PE003	DIU_A3 RS422 PORT3 SAMPLERROR	PDB A1 POWER OFF (INDEFINITE)	POWER OFF SHOULD BE PERFORMED AFTER DATA F□AME COLLECTION HAS BEEN STOPPED. THE ORDER OF THESE TWO ACTIONS MAY SWITCHOVER DEPENDING ON THE TIMMING OF PROCESSION.	AUTOMATICALLY RECOVERS BY 1SHOT.	NO	N/A
		C8DN-PE004	DIU_A3 RS422 PORT4 SAMPLERROR	VCU_A POWER ON (DURING 20 SEC AFTER COMMAND SENT)	DATA FRAME COLLECTION START COMMAND IS SENT TO DIU BEFORE THE DATA FRAME IS READY TO BE SENT FROM THE VCU_A.	AUTOMATICALLY RECOVERS. WAIT 20 SEC.	NO	N/A
				VCU_A_BIT PERFORMED (DURING 20 SEC AFTER COMMAND SENT)	WHILE BIT IS PERFORMED, RS-422 COMMUNICATION IS NOT ENABLED ,BUT THE VCU_A DATA FRAME COLLECTION IS PERFORMED BY THE DIU.	AUTOMATICALLY RECOVERS. WAIT 20SEC.	NO	N/A
C9DN-HSS001	DIU_B1 HEALTH STATUS SUMMARY	C9DN-PE001	DIU_B1 RS422 PORT1 SAMPLERROR	PDB_B1 POWER OFF (INDEFINITE)	POWER OFF SHOULD BE PERFORMED AFTER DATA F□AME COLLECTION HAS BEEN STOPPED. THE ORDER OF THESE TWO ACTIONS MAY SWITCHOVER DEPENDING ON THE TIMMING OF PROCESSION.	AUTOMATICALLY RECOVERS BY 1SHOT.	NO	N/A

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX J

CADN-HSS001	DIU_B2 HEALTH STATUS SUMMARY	CADN-PE001	DIU_B2 RS422 PORT1 SAMPLERROR	VCU_B POWER ON(DURING 20 SEC AFTER COMMAND SENT)	DATA FRAME COLLECTION START COMMAND IS SENT TO DIU BEFORE THE DATA FRAME IS READY TO BE SENT FROM THE VCU_B.	AUTOMATICALLY RECOVERS. WAIT 20 SEC.	NO	N/A
				VCU_B_BIT PERFORMED (DURING 20 SEC AFTER COMMAND SENT)	WHILE BIT IS PERFORMED, RS-422 COMMUNICATION IS NOT ENABLED ,BUT THE VCU_B DATA FRAME COLLECTION IS PERFORMED BY THE DIU.	AUTOMATICALLY RECOVERS. WAIT 20SEC.	NO	N/A
		CADN-PE002	DIU_B2 RS422 PORT2 SAMPL ERROR	THC_B POWER OFF (IN CASE DATA FRAME COLLECTION STOP IS NOT PERFORMED IN ADVANCE)	THC POWER OFF COMMAND DOES NOT AUTOMATICALLY STOP DATA FRAME COLLECTION, BECAUSE THE THC FUNCTION IS RELATED TO CREW SAFTY. THEREFORE, ERROR WOULD BE DETECTED WHEN SIMPLY PERFORMING POWER OFF.	SEND DATA FRAME COLLECTION STOP COMMAND.	NO	N/A
		CADN-PE003	DIU_B2 RS422 PORT3 SAMPLERROR	PIB_B2 POWER OFF (INDEFINITE)	POWER OFF SHOULD BE PERFORMED AFTER DATA F□AME COLLECTION HAS BEEN STOPPED. THE ORDER OF THESE TWO ACTIONS MAY SWITCHOVER DEPENDING ON THE TIMMING OF PROCESSION.	AUTOMATICALLY RECOVERS BY 1SHOT.	NO	N/A
		CADN-PE004	DIU_B2 RS422 PORT4 SAMPLERROR	PDB_B2 POWER OFF (INDEFINITE)	POWER OFF SHOULD BE PERFORMED AFTER DATA F□AME COLLECTION HAS BEEN STOPPED. THE ORDER OF THESE TWO ACTIONS MAY SWITCHOVER DEPENDING ON THE TIMMING OF PROCESSION.	AUTOMATICALLY RECOVERS BY 1SHOT.	NO	N/A

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX J

CBDN-HSS001	DIU_B3 HEALTH STATUS SUMMARY	CBDN-PE001	DIU_B3 RS422 PORT1 SAMPLERROR	PDB_EPS2_POWER OFF	AT THE POINT OF PDB_EPS2POWER OFF, DIU DOESN'T COMMAND TO STOP DATA FRAME COLLECTION.	DOESN NOT RECOVER AUTOMATICALLY BUT CAN BE IGNORED. TO RECOVER IT SEND DATA FRAME COLLECTION STOP COMMAND.	YES	1) SEND FOLLOWING CMD FROM PCS. OPSNAME : STOP_SAMPLING SIO PUI : JSDC00SWD00ZL PARAMETERS : RT11, SIO1 2) VERIFY FOLLOWING TLM ON TCMS (DPE) TLM: DIU_B3 RS422 PORT1 SAMPLING ERROR "NORMAL" PUI: JSDC00FCDA02J 3) ALARMS TO DISAPPEAR
		CBDN-PE005	DIU_B3 RS422 PORT5 SAMPLERROR	FAS ACTIVATION OF JCP IN CASE THE ELM-PS DOESN'T EXIST AND DIU_B3 ON.	WHILE JCP ACTIVATION,FOLLOWING AUTO PROCEDURE IS PERFORMED. BUT,UNABLE TO CONFIRM IF THE HCTL_ELM IS ON OR OFF,SINCE ELM-PDB IS NOT UNCONNECTED 1.DATA FRAME COLLECTION START FOR ALL RS-422 CONNECTED EQUIPMENT. 2.DATA FRAME COLLECTION STOPS FOR RS422 CONNECTED EQUIPMENT WHICH IS OFF.	DOESNNOT RECOVER AUTOMATIALLY BUT CAN BE IGNORED. TO RECOVER IT SEND DATA FRAME COLLECTION STOP COMMAND.	NO	N/A

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX J

C*DN-HSS001 W*DN-HSS001	DIU HEALTH STATUS SUMMARYS (DIU WHICH RS422 CONNECTED COMPONENTS ARE ALL UNACTIVATED)	C*DN-PE00* W*DN-PE00*	RS422 PORT SAMPLING ERROR (FOR THE PORT OF UNACTIVATED RS-422 EQUIPMENT CONNECTED WITH DIU)	FAS ACTIVATION OF JCP (DURING PRIME JCP ACT/RESET) DEPENDS ON THE POWER STATUS OF THE RS-422 EQUIPMENTS.	ERROR DETECTED SINCE JCP STARTS DATA FRAME COLLECTION FOR ALL THE DIU THAT IS ACTIVATED DURING JCP ACTIVATION.	AUTOMATICALLY RECOVERS WHEN FAS AUTO PROCEDURE(INCLUDES STOP DATA FRAME COLLECTION.) EXECUTED.	NO	N/A
C84V-BR002 CA1V-BR002	VCU_A BIT RESULT SUMMARY VCU_B BIT RESULT SUMMARY	-	-	WHEN VCU ACTIVATED WITHOUT INPUT OF OPTICAL SYNC SIGANAL FROM CVIU.	BIT RESULT OF VCU WOULD BE ABNORMAL, WITHOUT OPTICAL SYNC SIGANAL INPUTS FROM THE CVIU.	DOES NOT RECOVER AUTOMATICALLY BUT CAN BE IGNORED.	NO	N/A
C8DH-S001	HRMS HEALTH STATUS	-	-	HRMS POWER ON/OFF(INDEFINITE)	TIMING INCONSISTENCY BETWEEN THE DATA FRAME COLLECTION ACTION AND POWER ON/OFF ACTION.DATA FRAME COLLECTION STOP ACTION IS SUPPOSE TO BE PERFORMED BEFORE THE POWER ON/OFF,BUT THE POWER ON/OFF ACTION ARE SOMETIMES PERFORMED FIRST.	IF POWERED ON, WILL AUTOMATICALLY RECOVER. IF POWERED OFF, WILL NOT RECOVER AUTOMATICALLY BUT CAN BE IGNORDE. RECOVERS WHEN THE HRMS IS POWERED NEXT TIME .	NO	N/A

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX J

C42W-HSS001 W42W-HSS001	PDB_TCS1 HEALTH STATUS SUMMARY	C42W-TS001 W42W-TS001	PDB_TCS1_RPC1 TRIP STATUS	PDB_TCS1 RPC1 ON	VOLTAGE WAVE IS OBSERVED TO BE IN A MATTER OF SLOW-MOTION(DUE TO THC_FAN_A CIRCUIT CHARACTERISTICS) , WHICH INDUCES THE PDB CTL FOR A MIS-DETECTION OF A TRIP. TRIP STATUS WOULD BE OBSERVED INSTANTLY BUT THE PDB WILL RECOGNIZE THAT IT WAS NOT A TRIP FROM CONTINUOUS DATA COLLECTION AND CLEARS THE TRIP STATUS BUT THE HEALTH STATUS SUMMARY WOULD STILL INDICATE ABNORMAL.	SEND BIT CLEAR COMMAND TO CLEAR HEALTH STATUS.	NO	N/A
C52W-HSS001W52W-HSS001	PDB_TCS2 HEALTH STATUS SUMMARY	C52N-TS001W52W-TS001	PDB_TCS2_RPC1 TRIP STATUS	PDB_TCS2 RPC1 ON	VOLTAGE WAVE IS OBSERVED TO BE IN A MATTER OF SLOW-MOTION(DUE TO THC_FAN_B CIRCUIT CHARACTERISTICS) , WHICH INDUCES THE PDB CTL FOR A MIS-DETECTION OF A TRIP. TRIP STATUS WOULD BE OBSERVED INSTANTLY BUT THE PDB WILL RECOGNIZE THAT IT WAS NOT A TRIP FROM CONTINUOUS DATA COLLECTION AND CLEARS THE TRIP STATUS BUT THE HEALTH STATUS SUMMARY WOULD STILL INDICATE ABNORMAL.	SEND BIT CLEAR COMMAND TO CLEAR HEALTH STATUS.	NO	N/A

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX J

C73W-HSS001	PDB_EPS1 HEALTH STATUS SUMMARY	C73W-TS004	PDB_EPS1_RPC4 TRIP STATUS	PDB_EPS1 RPC4 ON	VOLTAGE WAVE IS OBSERVED TO BE IN A MATTER OF SLOW-MOTION(DUE TO IMV_SUPPLY_FAN CIRCUIT CHARACTERISTICS) , WHICH INDUCES THE PDB CTL FOR A MIS-DETECTION OF A TRIP. TRIP STATUS WOULD BE OBSERVED INSTANTLY BUT THE PDB WILL RECOGNIZE THAT IT WAS NOT A TRIP FROM CONTINUOUS DATA COLLECTION AND CLEARS THE TRIP STATUS BUT THE HEALTH STATUS SUMMARY WOULD STILL INDICATE ABNORMAL.	SEND BIT CLEAR COMMAND TO CLEAR HEALTH STATUS.	NO	N/A
CB1W-HSS001	PDB_EPS2 HEALTH STATUS SUMMARY	CB1W-TS004	PDB_EPS2_RPC4 TRIP STATUS	PDB_EPS2 RPC4 ON	VOLTAGE WAVE IS OBSERVED TO BE IN A MATTER OF SLOW-MOTION(DUE TO IMV_RETURN_FAN CIRCUIT CHARACTERISTICS) , WHICH INDUCES THE PDB CTL FOR A MIS-DETECTION OF A TRIP. TRIP STATUS WOULD BE OBSERVED INSTANTLY BUT THE PDB WILL RECOGNIZE THAT IT WAS NOT A TRIP FROM CONTINUOUS DATA COLLECTION AND CLEARS THE TRIP STATUS BUT THE HEALTH STATUS SUMMARY WOULD STILL INDICATE ABNORMAL.	SEND BIT CLEAR COMMAND TO CLEAR HEALTH STATUS.	NO	N/A

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX J

C61L-HSS001	THC_A HEALTH STATUS SUMMARY_S	C61L-S003	THC_A PARTICLE FILTER STATUS_S	THC_A CIRCULATION FAN STOP	TRANSIT STATE OCCURRED BY STOPPAGE OF THC_A CIRCULATION FAN. ERROR CONDITION: 0<=DIFFERENTIAL PRESSURE OF THC_A PARTICLE FILTER<=39.2PA(4MMAQ)	RESET THC AFTER STOPPING OPERATION.	NO	N/A
		C61L-S004	THC_A WATER SEPARATOR STATUS_S	THC_A WATER SEPARATOR STOP	TRANSIT STATE OCCURRED BY STOPPAGE OF THC_A WATER SEPARATOR. ERROR CONDITION: 0<=ROTATIONAL FREQUENCY OF THC_A WATER SEPARATOR<68RPM	RESET THC AFTER STOPPING OPERATION.	NO	N/A
CA2L-HSS001	THC_B HEALTH STATUS SUMMARY_S	CA2L-S003	THC_B PARTICLE FILTER STATUS_S	THC_B CIRCULATION FAN STOP	TRANSIT STATE OCCURRED BY STOPPAGE OF THC_B CIRCULATION FAN. ERROR CONDITION: 0<=DIFFERENTIAL PRESSURE OF PARTICLE FILTER<=39.2PA(4MMAQ)	RESET THC AFTER STOPPING OPERATION.	NO	N/A
		CA2L-S004	THC_B WATER SEPARATOR STATUS_S	THC_B WATER SEPARATOR STOP	TRANSIT STATE OCCURRED BY STOPPAGE OF THC_B WATER SEPARATOR. ERROR CONDITION: 0<=ROTATIONAL FREQUENCY OF THC_A WATER SEPARATOR<=68RPM	RESET THC AFTER STOPPING OPERATION.	NO	N/A

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX J

C46T-HSS001 C46T-HSS001	TCA_L HEALTH STATUS SUMMARY	C46T-S002 W46T-S002	TCA_L LTL MIN PRESS STATUS_S	TCA_L PUMP ACTIVATION	TRANSIT STATE OCCURRED BY ACTIVATION OF TCA_L PUMP. ERROR CONDITION: 0<=ACCUMULATOR PRESSURE(WATER SIDE)<133.4KPA(1.36KG/CM2)	RECOVERS WHEN ERROR CLEARED.	NO	N/A
		C46T-S005 W46T-S005	TCA_L MTL CNTRL TEMP STATUS	AFTER TCA_L TAC ACTIVATION	OCCURS WHEN TCA_L MTL CNTRL TEMP(C(W)46T-T001) EXCEEDS THE RANGE OF 13 DEGREES TO 22 DEGREES CELCIUS.	RECOVERS WHEN THE TEMPERATURE OF COOLANT RETURNS TO THE REQUIRED RANGE.	NO	N/A
		C46T-S006 W46T-S006	TCA_L LTL CNTRL TEMP STATUS	AFTER TCA_L TAC ACTIVATION	OCCURS WHEN TCA_L LTL CNTRL TEMP(C(W)46T-T002) EXCEEDS THE RANGE OF 1 DEGREES TO 8 DEGREES CELCIUS.	RECOVERS WHEN THE TEMPERATURE OF COOLANT RETURNS TO THE REQUIRED RANGE.	NO	N/A
C56T-HSS001 W56T-HSS001	TCA_M HEALTH STATUS SUMMARY	C56T-S002 W56T-S002	TCA_M MTL MIN PRESS STATUS	TCA_M PUMP ACTIVATION	TRANSIT STATE OCCURRED BY ACTIVATION OF TCA_M PUMP. ERROR CONDITION: 0<=ACCUMULATOR PRESSURE(WATER SIDE)<133.4KPA	RECOVERS WHEN ERROR CLEARED.	NO	N/A
		C56T-S005 W56T-S005	TCA_M MTL CNTRL TEMP STATUS	TCA_M TAC ACTIVATION	OCCURS WHEN TCA_M MTL CNTRL TEMP(C(W)56T-T001) EXCEEDS THE RANGE OF 13 DEGREES TO 22 DEGREES CELCIUS.	AUTOMATICALLY RECOVERS WHEN THE TEMPERATURE OF COOLANT RETURNS TO THE REQUIRED RANGE.	NO	N/A

APPENDIX K

USOS FLIGHT SOFTWARE FOR MEIT3

NOTE

THE USOS FLIGHT SOFTWARE CONFIGURATION FOR MEIT3 WILL BE ATTACHED IN THIS APPENDIX BEFORE THE BEGINNING OF MEIT3. IF NEW SOFTWARE LOADS ARE MADE, THE UPDATES WILL ALSO BE ATTACHED.

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX L

PCS LOCKUP RECOVERY PROCESS AND DATA CAPTURE

RECOVERING FROM AND CAPTURING DATA FOR A PCS LOCKUP

LOCKUP OF THE PCS IS INDICATED BY NO EXPECTED ACTIVITY ON THE SCREEN, THE CLOCK NOT UPDATING, NO HARD DRIVE ACTIVITY, NO MOUSE CURSOR MOVEMENT AND AN INABILITY TO USE <ALT>-<TAB> TO CHANGE WINDOWS.

IF THE PCS SHOULD APPEAR TO LOCK UP PLEASE COLLECT THE FOLLOWING DATA:

1. GMT: ____:____:____ (DDD:HH:MM) THAT INCIDENT OCCURRED

2. IS DISK DRIVE BEING ACCESSED (LIGHT FLASHING)?

3. LAST COMMANDS SENT FROM PCS: _____

4. BATTERY % AT TIME OF ANOMALY (FLIGHT UNITS ONLY): ____

5. LAPTOP SERIAL NUMBER

6. IN YOUR OWN WORDS, GIVE A BRIEF SCENARIO OF WHAT WAS BEING DONE AT THE TIME OF THE ANOMALY.
(INCLUDES ANY ADVISORIES OR ERROR MESSAGES RECEIVED)

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APPENDIX M

TCA-M/TCA-L PUMP ROTATION OPERATIONAL RANGE

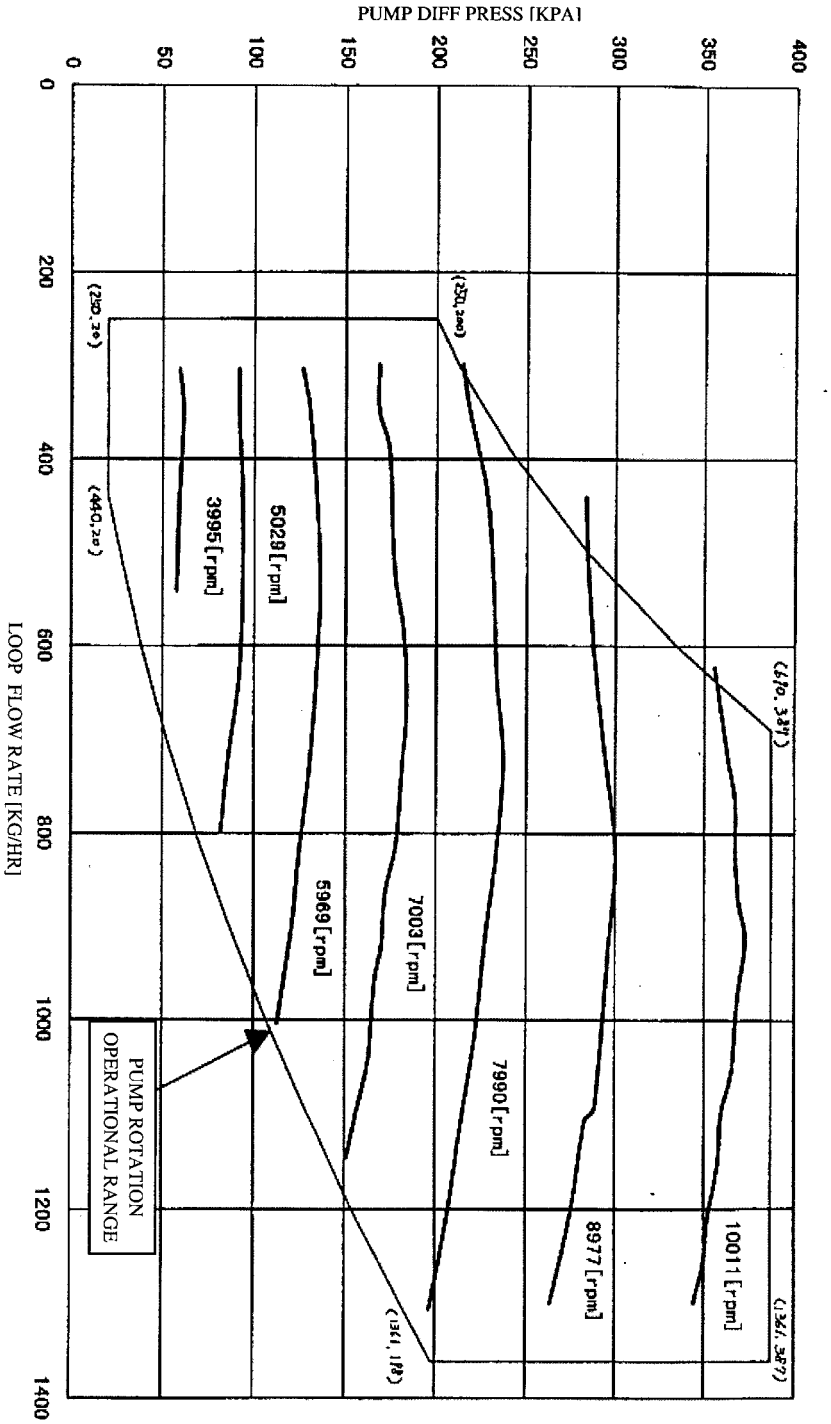

FIGURE M-1 – TCA-M PUMP ROTATION OPERATIONAL RANGE

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX M

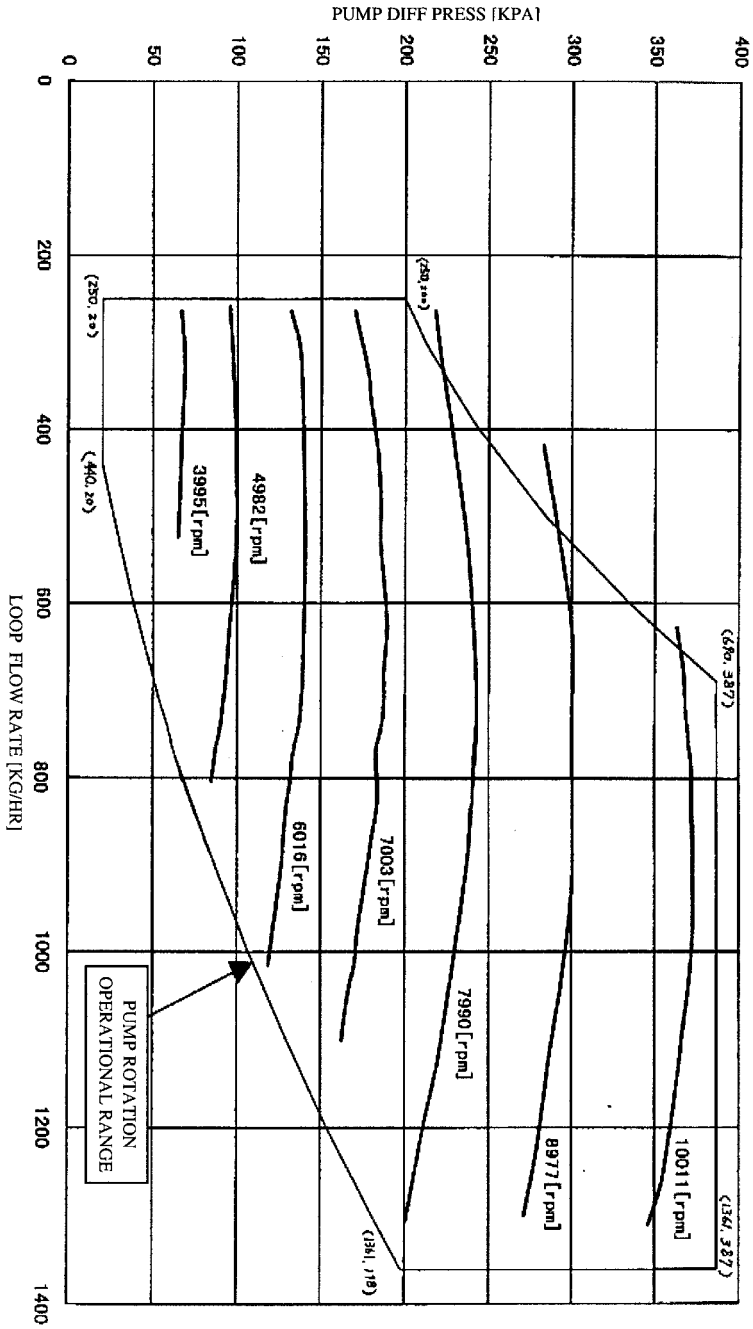

FIGURE M-2 – TCA-L PUMP ROTATION OPERATIONAL RANGE

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX N

MTL SHUTDOWN AND TRANSITION TO GSE COOLING

NOTE

PERFORM THE FOLLOWING STEP IF PUMP IS ACTIVE OR PUMP START COMMAND HAS BEEN SENT AND THE PUMP DID NOT ACTIVATE PROPERLY.

DEACTIVATE MTL PUMP

214-003 KTCS MS1 PCS
TASK:JPM CHANNEL B INITIAL ACTIVATION:JPM MTL ACTIVATION
'JPM MTL ACTIVATION'

'TCA M PUMP'

1. CMD OPERATION - STOP
   ENG: JPM_ATCS_TCA_M_PUMP_B_STOP_(ACT)
   PUI: LATX96IM0144K

   GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

2. OPERATION - STOPPED
   OPS: TCA_M MTL EXECUTING STATUS [ACT]
   PUI: JMDC04FCTC0HJ

3. SPEED – 0+/-329 RPM
   OPS: TCA_M PUMP REV [ACT]
   PUI: JMDC04FCTC1OR

NOT PERFORMED:_____

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APPENDIX N

NOTE

PERFORM THE FOLLOWING TWO STEPS IF PRESSURE CONTROL IS ACTIVE.

DEACTIVATE PRESSURE CONTROL

214-004 KTCS SSFE CES MATE
LOAD AND RUN MATE SCRIPT
MEIT3_MATE_ACT_CMDS
INDEX: 0X0036

ISSUE: STOP_TCA_M_PRESS CNTRL
ENG:
JPM_ATCS_TCA_M_PUMP_B_IN_PRESS_CNTL_STOP_(ACT)
PUI: LATX96IM0153K

GMT _____:_____:_____

214-005 KTCS TCMS

VERIFY TCA_M MTL PRESS CNTRL EXECUTING STATUS
[ACT] - STOP
PUI: JMDC04FCTC0KJ

NOT PERFORMED:_____
(PREVIOUS TWO STEPS)

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX N

NOTE

PERFORM THE FOLLOWING STEP IF THE
ACCUMULATOR SOV HAS BEEN OPENED.

CLOSE ACCUMULATOR SOV

214-006 KTCS MS1 PCS
TASK:JPM CHANNEL B INITIAL
ACTIVATION:JPM MTL ACTIVATION
'JPM MTL ACTIVATION'

'TCA M ACCUMULATOR'

1. CMD: INLET VAVLE POSN – CLOSE
   ENG: JPM_ATCS_TCA_M_ACCUM_SOV_B_CL_(ACT)
   PUI: LATX96IM0148K

   GMT _____:_____:_____ (HR:MIN:SEC)

2. VERIFY INLET VALVE POSN - CLOSE
   OPS: TCA_M ACCUMULATOR INLET VALVE POSTN [ACT]
   PUI: JMDC04FCTC04J

NOT PERFORMED:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX N

NOTE

PERFORM THE FOLLOWING FOUR STEPS TO RECONFIGURE TO GSE COOLING.

RECONFIGURE B-STRING ATCS TO GSE PUMP

214-007 KTCS TLM MANUALLY SET TCA_L MTL THERMAL CONTROL VALVE POSITON TO PORT B(IFHX). REPORT COMPLETE.

TAG NO.	NOMENCLATURE	POSITION
MV1152	TCA_L MTL THERMAL CONTROL VALVE	PORT B (IFHX)

214-008 KTCS TLM MANUALLY SET TCA_M MTL THERMAL CONTROL VALVE POSITON TO PORT B(IFHX). REPORT COMPLETE.

TAG NO.	NOMENCLATURE	POSITION
MV1252	TCA_M MTL THERMAL CONTROL VALVE	PORT B (IFHX)

214-009 KTCS TLM RECONFIGURE MTL COOLING GSE FROM FLIGHT PUMP MODE TO GSE PUMP MODE AS FOLLOWS:

1. DISCONNECT QD B/C COUPLING PER FIGURE 1.
2. CONNECT QD A/B COUPLING PER FIGURE 1.
3. CONNECT QD C/D COUPLING PER FIGURE 1.

214-010 KTCS TLM START MTL COOLANT FROM RESOURCE SUPPLY EQUIPMENT. REPORT COMPLETE.

NOT PERFORMED:_____
(PREVIOUS FOUR STEPS)

214-011 KTCS PTC MTL SHUTDOWN AND TRANSITION TO GSE COOLING IS COMPLETE.

GMT _____:_____:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX O

LTL SHUTDOWN AND TRANSITION TO GSE COOLING

NOTE

PERFORM THE FOLLOWING STEP IF PUMP IS ACTIVE OR PUMP START COMMAND HAS BEEN SENT AND THE PUMP DID NOT ACTIVATE PROPERLY.

DEACTIVATE LTL PUMP

214-012 KTCS MS1 PCS
TASK:JPM CONTINGENCY CH A INIT
ACTIVATION:JPM LTL ACTIVATION
'JPM LTL ACTIVATION'

'TCA L PUMP'

1. CMD OPERATION - STOP
   ENG: JPM_ATCS_TCA_L_PUMP_A_STOP_(ACT)
   PUI: LATX96IM0117K

   GMT _____:_____:_____ (HR:MIN:SEC)

VERIFY:

2. OPERATION - STOPPED
   OPS: TCA_L LTL EXECUTING STATUS [ACT]
   PUI: JMDC03FCTC0IJ

3. SPEED – 0+/-329 RPM
   OPS: TCA_L PUMP REV [ACT]
   PUI: JMDC03FCTA1WR

NOT PERFORMED:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX O

NOTE

PERFORM THE FOLLOWING TWO STEPS IF PRESSURE CONTROL IS ACTIVE.

DEACTIVATE PRESSURE CONTROL

214-013 KTCS SSFE CES MATE
LOAD AND RUN MATE SCRIPT
MEIT3_MATE_ACT_CMDS
INDEX: 0X0036

ISSUE: STOP_TCA_L_PRESS CNTRL
ENG: JPM_ATCS_TCA_L_PUMP_A_IN_PRESS_CNTL_STOP_(ACT)
PUI: LATX96IM0128K

GMT _____:_____:_____

214-014 KTCS TCMS

VERIFY TCA_L LTL PRESS CNTRL EXECUTING STATUS
[ACT] - STOP
PUI: JMDC03FCTA0MJ

NOT PERFORMED:_____
(PREVIOUS TWO STEPS)

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX O

NOTE

PERFORM THE FOLLOWING STEP IF THE
ACCUMULATOR SOV HAS BEEN OPENED.

CLOSE ACCUMULATOR SOV

214-015 KTCS MS1 PCS
TASK:JPM CONTINGENCY CH A INIT
ACTIVATION:JPM LTL ACTIVATION
'JPM LTL ACTIVATION'

'TCA L ACCUMULATOR'

1. CMD: INLET VAVLE POSN – CLOSE
   ENG: JPM_ATCS_TCA_L_ACCUM_SOV_A_CL_(ACT)
   PUI: LATX96IM0121K

   GMT _____:_____:_____ (HR:MIN:SEC)

2. VERIFY INLET VALVE POSN - CLOSE
   OPS: TCA_L ACCUMULATOR INLET VALVE POSTN [ACT]
   PUI: JMDC03FCTA1YJ

NOT PERFORMED:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX O

NOTE

PERFORM THE FOLLOWING FOUR STEPS TO RECONFIGURE TO GSE COOLING.

RECONFIGURE B-STRING ATCS TO GSE PUMP

214-016 KTCS TLM MANUALLY SET TCA_L LTL THERMAL CONTROL VALVE POSITON TO PORT B(IFHX). REPORT COMPLETE.

TAG NO.	NOMENCLATURE	POSITION
MV1152	TCA_L MTL THERMAL CONTROL VALVE	PORT B (IFHX)

214-017 KTCS TLM MANUALLY SET TCA_L LTL THERMAL CONTROL VALVE POSITON TO PORT B(IFHX). REPORT COMPLETE.

TAG NO.	NOMENCLATURE	POSITION
MV1252	TCA_M MTL THERMAL CONTROL VALVE	PORT B (IFHX)

214-018 KTCS TLM RECONFIGURE LTL COOLING GSE FROM FLIGHT PUMP MODE TO GSE PUMP MODE AS FOLLOWS:

1. DISCONNECT QD B/C COUPLING PER FIGURE 1.
2. CONNECT QD A/B COUPLING PER FIGURE 1.
3. CONNECT QD C/D COUPLING PER FIGURE 1.

214-019 KTCS TLM START LTL COOLANT FROM RESOURCE SUPPLY EQUIPMENT. REPORT COMPLETE.

NOT PERFORMED:_____
(PREVIOUS FOUR STEPS)

214-020 KTCS PTC LTL SHUTDOWN AND TRANSITION TO GSE COOLING IS COMPLETE.

GMT _____:_____:_____

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX QA

OPERATION INSTRUCTIONS WILL BE CALLED FOR EXECUTION VIA THE BAR CHART AGREED UPON IN THE PMR MEETINGS.

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX S - SAFETY DATA SHEETS

NOT APPLICABLE

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX W

215-000 WATER LEAK ASSESSMENT (OUTSIDE OF NODE 2 OR JEM)

NOTE

PERFORM THIS SEQUENCE TO ASSESS WATER LEAKAGE OUTSIDE NODE 2 OR JEM DURING TEST OPERATIONS.

CAUTION

ANY WATER LEAKAGE **INTERNAL TO NODE 2 OR JEM REQUIRES APPENDIX Z** – EMERGENCY POWER DOWN (FLIGHT ELEMENT ONLY).

CAUTION

ANY MAJOR WATER LEAKAGE OUTSIDE OF NODE 2 OR JEM MAY REQUIRE APPENDIX Z – EMERGENCY POWER DOWN PER KTCS OR DESE DIRECTION.

215-001	ALL 52	REPORT WATER LEAKAGE OUTSIDE OF NODE 2 OR JEM TO TASK LEADER AND PTC.

WARNING

SHOCK HAZARD IS PRESENT IF WATER CONTACTS ELECTRICAL EQUIPMENT. PERFORM APPENDIX Z EMERGENCY POWER DOWN (FLIGHT ELEMENT AND FOOTPRINT)

215-002	PTC	KFWT DESE	VERIFY NO WATER NEAR ELECTRICAL EQUIPMENT.
215-003	PTC 52	SFSG KFWT	EVALUATE THE LEAKAGE CONDITION FOR CONTAINMENT. CONTAIN AS NECESSARY.
215-004	PTC	ALL	WATER LEAKAGE ASSESSMENT (OUTSIDE NODE 2 OR JEM) COMPLETE.

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX Y

216-000 **AMMONIA LEAK ASSESSMENT**

WARNING

PERFORM THE FOLLOWING STEPS TO EVALUATE AN NH3 ODOR/LEAK. IF ANY nh3 sensor red beacon illuminates or audible alarm sounds PERFORM EMERGENCY PROCEDURES PER APPENDIX Z.

216-001	ALL		REPORT ODOR/LEAK TO TASK LEADER AND PTC.
216-002	PTC	ALL	EVACUATE TO A MINIMUM OF 25 FT FROM HARDWARE CONTAINING AMMONIA.
216-003	PTC		NOTIFY OPERATIONS DESK THE NH3 ODOR.
216-004	PTC	ALL	SSPF NH3 LEAK ASSESSMENT IS IN WORK. IN CASE OF EVACUATION MARSHALLING AREA IS SSPF NORTH PARKING LOT.
216-005			AMMONIA LEAK ASSESSMENT – SSPF COMPLETE.

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX S - SAFETY DATA SHEETS

NOT APPLICABLE

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX Z - EMERGENCY INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
300-000			**GENERAL EMERGENCY INSTRUCTIONS – SSPF**	
300-001			**LOSS OF OIS**	
			1. NOTIFY PTC OF OIS LOSS ON ALTERNATE CHAN. OR BY PHONE (7-6293).	
			2. ALL PERSONNEL REMAIN ON STATION.	
			3. IF APPLICABLE, PROCEED TO A SAFE PAYLOAD CONFIGURATION.	
			4. NO FURTHER STEPS WILL BE PERFORMED UNTIL TEST TEAM COMMUNICATIONS ARE RE-ESTABLISHED.	
300-002			**ISS FLIGHT EMULATOR EMERGENCY POWER OFF**	
	SSFE	PTC	1. NOTIFY PTC OF ISS FLIGHT EMULATOR EMERGENCY POWER OFF OCCURRED (PER OMI R2005).	
	PTC	ALL	2. PERFORM EMERGENCY POWER DOWN (FLIGHT ELEMENT AND FOOTPRINT) PER APPENDIX Z/	
300-003			**EMERGENCY SUPPORT PHONE NUMBERS**	
			FIRE PHONE 911 MEDICAL PHONE 911 SECURITY PHONE 911	
			IF CALLING FROM A CELLULAR PHONE (321) 867-7911	
			INDUSTRIAL AREA PHONE NUMBERS	
			BOEING (CAPPS) SAFETY 7-5440/1717 INDUSTRIAL SAFETY 7-1614/1717 SECURITY 7-7664 SSPF OPS DESK 7-5800	
			NASA SAFETY 7-6651	
			OTHER PHONE NUMBERS JBOSC DUTY OFFICER 853-5211 SPC SAFETY 861-5798	
300-004			GENERAL EMERGENCY INSTRUCTIONS – SSPF COMPLETE	

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX Z - EMERGENCY INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
301-000			**NODE 2 AND JEM EMERGENCY POWER DOWN (FLIGHT ELEMENTS ONLY)**	
			JCP AND MDP SHUTDOWN	
			NOTE IF IMMEDIATE POWER DOWN IS REQUIRED, GO DIRECTLY TO STEP 301-005.	
			CAUTION WHEN TIME PERMITS (UP TO 3 MINUTES 35 SECONDS) THE JCP AND MDP SHOULD BE SHUTDOWN BEFORE POWER IS REMOVED TOPREVENT POSSIBLE DAMAGE TO THE JCP OR MDP. TO ACCOMPLISH THIS PERFORM THE APPROPORIATE STEPS FOR THE ACTIVE JCP.	
			ACTIVE JCP A SHUTDOWN	
301-001	PTC	SSFE	CES MATE LOAD AND EXECUTE MATE SCRIPT JEM_A_EPO	
301-002	KCDH		TCMS ‘ACTIVE JCP’ VERIFY: FRAME COUNTER – “NOT INCREMENTING” ENG: FRAME COUNTER PUI: JSDC00SWZ999U	
				NOT PERFORMED:_____ (PREV. 2 STEPS)

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX Z - EMERGENCY INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			ACTIVE JCP B SHUTDOWN	
301-003	PTC	SSFE	CES MATE LOAD AND EXECUTE MATE SCRIPT JEM_B_EPO	
301-004	KCDH		TCMS 'ACTIVE JCP' VERIFY: FRAME COUNTER – "NOT INCREMENTING" ENG: FRAME COUNTER PUI: JSDC00SWZ999U	
				NOT PERFORMED:_____ (PREV. 2 STEPS)
			NODE 2/TRILECTRON OUTPUT AND JEM EMERGENCY POWER DOWN	
301-005	PTC		USER RM 2 NORTH WALL (NEAR DOOR AND PTC CONSOLE) TRILECTRON F/P #6 EMERGENCY OFF RED MUSHROOM PB - PRESS	
301-006	PTC	ALL	NODE2 AND JEM EMERGENCY POWER DOWN(FLIGHT ELEMENTS ONLY)COMPLETE	

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX Z - EMERGENCY INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			NOTE THIS SEQUENCE IS APPLICABLE FOR ALL EMERGENCIES REQUIRING THE EVACUATION OF THE SSPF.	
302-000			**NODE 2, JEM AND GSE EMERGENCY POWER DOWN (FLIGHT ELEMENT AND FOOTPRINTS)**	
302-001	ALL		SOUND THE ALARM VERBALLY.	
302-002	YOPS		OPERATE NEAREST FIRE ALARM PULL STATION IN HIGHBAY BY EXIT DOOR.	
302-003	ALL		EVACUATE THE SSPF BAY AREA.	
302-004	PTC (PA)	ALL	MAKE THE FOLLOWING ANNOUNCEMENT: ATTENTION ALL PERSONNEL EVACUATE THE SSPF.	
302-005	ALL		NOTIFY YOPS WHEN YOU REACH THE MARSHALLING AREA THAT YOU ARE CLEAR OF THE HAZARD AREA.	
			JCP AND MDP SHUTDOWN	
			NOTE IF IMMEDIATE POWER DOWN IS REQUIRED, GO DIRECTLY TO STEP 302-010.	
			CAUTION WHEN TIME PERMITS (UP TO 3 MINUTES 35 SECONDS) THE JCP AND MDP SHOULD BE SHUTDOWN BEFORE POWER IS REMOVED TOPREVENT POSSIBLE DAMAGE TO THE JCP OR MDP. TO ACCOMPLISH THIS PERFORM THE APPROPORIATE STEPS FOR THE ACTIVE JCP.	
			ACTIVE JCP A SHUTDOWN	
302-006	PTC	SSFE	CES MATE LOAD AND EXECUTE MATE SCRIPT JEM_A_EPO	

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX Z - EMERGENCY INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
302-007	KCDH		TCMS 'ACTIVE JCP' VERIFY: FRAME COUNTER – "NOT INCREMENTING" ENG: FRAME COUNTER PUI: JSDC00SWZ999U	
				NOT PERFORMED:_____ (PREV. 2 STEPS)
			ACTIVE JCP B SHUTDOWN	
302-008	PTC	SSFE	CES MATE LOAD AND EXECUTE MATE SCRIPT JEM_B_EPO	
302-009	KCDH		TCMS 'ACTIVE JCP' VERIFY: FRAME COUNTER – "NOT INCREMENTING" ENG: FRAME COUNTER PUI: JSDC00SWZ999U	
				NOT PERFORMED:_____ (PREV. 2 STEPS)
			NODE 2/TRILECTRON OUTPUT AND JEM EMERGENCY POWER DOWN (EPO)	
302-010	PTC		USER RM 2 NORTH WALL (NEAR DOOR AND PTC CONSOLE) TRILECTRON F/P #6 EMERGENCY OFF RED MUSHROOM PB - PRESS	

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX Z - EMERGENCY INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			FOOTPRINTS 5 AND 6 EMERGENCY POWER DOWN	
302-011	PTC		USER ROOM #2 NORTH WALL(NEAR DOOR AND PTC CONSOLE) SHUNT TRIP MASTER CONTROL SYSTEM EMERGENCY 60 HZ POWER SHUT OFF 1. REMOVE KEY FROM INSIDE OF EMERGENCY POWER SHUT OFF BOX AND INSERT INTO HANDLE ON TOP OF BOX 2. TURN KEY CLOCKWISE TO UNLOCK ARM SWITCH 3. TURN HANDLE ON TOP OF BOX CLOCKWISE TO ARM SHUTDOWN BUTTONS 4. FOOTPRINT NO. 5 SHUTDOWN PB - PRESS 5. FOOTPRINT NO. 6 SHUTDOWN PB - PRESS	
302-012	PTC		REPORT TO THE RESPONDING FIRE/RESCUE/EMERGENCY MEDICAL SERVICE PERSONNEL AND INFORM THEM OF THE SITUATION.	
302-013	ALL		THE FOLLOWING PEOPLE REPORT TO THE SSPF NORTH MARSHALLING AREA INCIDENT COMMAND POST, REPORT SYSTEM STATUS, AND AWAIT FURTHER INSTRUCTION: TD YOPS TIE PTC SSPF FACILITY MANAGER	
302-014	PTC	IC	THE FOLLOWING ITEMS ARE ON UPS AND WILL REMAIN POWERED FOR ONE HOUR MINIMUN INTERMEDIATE BAY PANEL U-A29 (SOUTH WALL) FOOTPRINT 6 TRILECTRON 1-6, INPUT POWER (OUTPUT POWER REMOVED DURING EPO / INPUT POWER WILL BE REMOVED BY THE U-A29 MAIN BREAKER) FOOTPRINT 6 (NORTH CORNER) (UPS S1-U05-011 480/208 V) ISS FLIGHT EMULATOR GSE FOOTPRINT 5 (JEM FOOTPRINT UPS)	
302-015	PTC	ALL	NODE 2, JEM AND GSE EMERGENCY POWER DOWN (FLIGHT ELEMENT AND FOOTPRINT)COMPLETE	

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX Z - EMERGENCY INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
303-000			**MODULE INTERNAL WATER LEAK EMERGENCY POWER DOWN – (EVACUATION FOR NODE 2 OR JEM ONLY)**	
			NOTE PERFORM THE FOLLOWING SEQUENCE IN THE EVENT OF ANY WATER LEAK INSIDE THE NODE 2 OR JEM MODULES.	
303-001	ALL	PTC 052	REPORT: “THERE IS A WATER LEAK INSIDE NODE 2 OR JEM”.	
			JCP AND MDP SHUTDOWN	
			WARNING POSSIBLE ELECTROCUTION HAZARD DUE TO WATER LEAK. IF IMMEDIATE POWER DOWN IS REQUIRED DUE TO A SIGNIFICANT WATER LEAK, GO DIRECTLY TO STEP 303-006.	
			CAUTION WHEN TIME PERMITS (UP TO 3 MINUTES 35 SECONDS) THE JCP AND MDP SHOULD BE SHUTDOWN BEFORE POWER IS REMOVED TOPREVENT POSSIBLE DAMAGE TO THE JCP OR MDP. TO ACCOMPLISH THIS PERFORM THE APPROPORIATE STEPS FOR THE ACTIVE JCP.	
			ACTIVE JCP A SHUTDOWN	
303-002	PTC	SSFE	CES MATE LOAD AND EXECUTE MATE SCRIPT JEM_A_EPO	
303-003	KCDH		TCMS ‘ACTIVE JCP’ VERIFY: FRAME COUNTER – “NOT INCREMENTING” ENG: FRAME COUNTER PUI: JSDC00SWZ999U	

NOT PERFORMED:_____
(PREV. 2 STEPS)

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX Z - EMERGENCY INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
			ACTIVE JCP B SHUTDOWN	
303-004	PTC	SSFE	CES MATE LOAD AND EXECUTE MATE SCRIPT JEM_B_EPO	
303-005	KCDH		TCMS 'ACTIVE JCP' VERIFY: FRAME COUNTER – "NOT INCREMENTING" ENG: FRAME COUNTER PUI: JSDC00SWZ999U	
				NOT PERFORMED:_____ (PREV. 2 STEPS)
			NODE 2/TRILECTRON OUTPUT AND JEM EMERGENCY POWER DOWN	
			WARNING POSSIBLE ELECTROCUTION HAZARD DUE TO WATER LEAK.	
303-006	PTC		USER RM 2 NORTH WALL (NEAR DOOR AND PTC CONSOLE) TRILECTRON F/P #6 EMERGENCY OFF RED MUSHROOM PB - PRESS	
303-007	PTC 052	ALL	ALL PERSONNEL THERE IS A WATER LEAK INSIDE THE NODE OR THE JEM. ALL PERSONNEL EVACUATE THE MODULE.	
303-008	PTC	ALL	POWER DOWN OF NODE 2 AND JEM COMPLETE.	
303-009	PTC	SFSG KFWT	SECURE THE ITCS RACK SIMULATOR. VERIFY NO WATER FLOW IN NODE 2.	
303-010	PTC	TLM	SECURE THE JEM FLUID GSE. VERIFY NO WATER FLOW IN JEM.	
303-011	PTC	KTCS	ESSENTIAL PERSONNEL INVOLVED IN WATER RECOVERY PLAN MAY REENTER THE NODE 2 OR JEM MODULE.	

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX Z - EMERGENCY INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
303-012	PTC	SFSG	VERIFY/OPEN ACUMULATOR LTL AND MTL NIA VENT VALVES MANUALLY.	
303-013	PTC	KTCS	DETERMINE WHERE THE WATER LEAK IS AND MINIMIZE THE SPREAD OF WATER WITH WIPES AND OTHER SUPPLIES AS REQUIRED.	
303-014	PTC	ALL	MODULE INTERNAL WATER LEAK EMERGENCY POWER DOWN – (EVACUATION FOR NODE 2 OR JEM ONLY) COMPLETE	

RELEASED - Printed documents may be obsolete; validate prior to use.

APPENDIX Z - EMERGENCY INSTRUCTIONS

SEQ/STEP	CMD	RESP	DESCRIPTION	VERIF.
304-000			**OXYGEN DEFICIENCY ALARM IN THE NODE 2 OR JEM MODULE**	
			NOTE PERFORM THIS SEQUENCE IN THE EVENT OF ANY LOW OXYGEN MONITOR ALARMS IN A MODULE.	
304-001	ALL		ALL PERSONNEL EVACUATE THE MODULE IMMEDIATELY.	
304-002	PTC	*TL	OBTAIN A HANDHELD OXYGEN MONITOR AND PERFORM AN OPERATIONAL CHECK OF THE MODULE OXYGEN LEVEL VERIFYING A READING OF BETWEEN 20.4 AND 21.4	
304-003	PTC	*TL	USING A HANDHELD OXYGEN MONITOR AND EMPLOYING THE BUDDY SYSTEM WITH 1 PERSON AT THE HATCH AND THE OTHER ENTERING THE ELEMENT CONSTANTLY MONITORING THE BREATHING ATMOSPHERE AT CHEST LEVEL. VERIFY THE O2 READINGS ARE BETWEEN 19.5 AND 21.5 ON THE HANDHELD MONITORS. REPLACE THE DEFECTIVE MONITOR (IF REQUIRED).	
304-004	PTC		RESUME ONLY AFTER A STABLE O2 READING IS VERIFIED BETWEEN 19.5 AND 21.5.	
304-005	PTC	ALL	OXYGEN DEFICIENCY ALARM IN NODE 2 OR JEM MODULE COMPLETE	

********** END-OF-OMI **********

RELEASED - Printed documents may be obsolete; validate prior to use.

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