System	Message Text	Class	Element	SubSystem	P2 PUI	Event Code	Event Driver	Analog Limit Low	Analog Limit High	Discrete Value 0=	Discrete Value 1=	Limit Location PPL ID and/or Cmd	Flight Effectivity
CDH	Prime NCS Detected RT Fail SMCC-3 - SM	C	SM	SMCC 3	M1DP47MDX005U	159				Nominal	In Alarm		2A.1 +
CDH	Prime NCS Detected RT Fail SMCC-2 - SM	C	SM	SMCC 2	M1DP47MDX007U	161				Nominal	In Alarm		2A.1 +
CDH	Prime NCS Detected RT Fail SMCC-1 - SM	C	SM	SMCC 1	M1DP47MDX009U	163				Nominal	In Alarm		2A.1 +
CDH	Prime NCS Detected RT Fail MDM FGB-2 - FGB	C	FGB	FGB MDM 2	M1DP47MDX011U	165				Nominal	In Alarm		2A +
CDH	Prime NCS Detected RT Fail MDM FGB-1 - FGB	C	FGB	FGB MDM 1	M1DP47MDX013U	167				Nominal	In Alarm		2A +
CDH	MDM N1-1 Detected RT Fail MDM N1-2 - PMA 1	C	PMA1	Nod1 2 MDM	M1DS47MDX012U	7				Nominal	In Alarm		2A +
CDH	MDM N1-1 User Bus Orb N1-1 Fail - NOD1	C	PMA1	Nod1 1 MDM	M1DS47MDX014U	9				Nominal	In Alarm		2A +
CDH	MDM N1-2 Detected RT Fail MDM N1-1 - PMA 1	C	PMA1	Nod1 1 MDM	M1DS48MDX004U	67				Nominal	In Alarm		2A +
CDH	MDM N1-2 User Bus Orb N1-2 Fail - NOD1	C	PMA1	Nod1 2 MDM	M1DS48MDX014U	77				Nominal	In Alarm		2A +
CDH	Prime NCS Detected RT Fail OIU - Shuttle	C	N/A	OIU	M1DP47MDX111U	171				Nominal	In Alarm		2A +
CDH	Prime NCS Detected Vusy Bit Fail for SMCC - SM	C	SM	SMCC	M1DP47MDX019U	246				Nominal	In Alarm		2A.1 +
CDH	Prime NCS Detected Frame Count Fail for SMCC - SM	C	SM	SMCC	M1DP47MDX020U	247				Nominal	In Alarm		2A.1 +
CDH	Prime NCS Loss of Sync to SMCC - SM	C	SM	SMCC	M1DP47MDX021U	248				Nominal	In Alarm		2A.1 +
CDH	Prime NCS User Bus EPS N1-23 Fail - NOD1	A	PMA1	Prim NCS	M1DP47MDX014U	168				Nominal	In Alarm		2A +
CDH	Prime NCS User Bus EPS N1-14 Fail - NOD1	A	PMA1	Prim NCS	M1DP47MDX015U	169				Nominal	In Alarm		2A +
CDH	MDM N1-1 Loss of Sync to MDM N1-2 - PMA 1	A	PMA1	Nod1 2 MDM	M1DS47MDX011U	6				Nominal	In Alarm		2A +
CDH	MDM N1-1 Control Bus GNC 1 Fail - NOD1	A	PMA1	Nod1 1 MDM	M1DS47MDX013U	8				Nominal	In Alarm		2A +
CDH	MDM N1-1 Local Bus Sys Lab 1 Fail - NOD1	A	PMA1	Nod1 1 MDM	M1DS47MDX015U	10				Nominal	In Alarm		2A +
CDH	MDM N1-2 Operational Heater Failed - Node 1	A	PMA1	Nod1 1 MDM	M1DS47MDX301U	41	MDM N1-2 RTD2 Meas			Nominal	< or = -45 deg F or > or = +120 deg F		2A +
CDH	MDM N1-2 Survival Heater Failed - Node 1	A	PMA1	Nod1 2 MDM	M1DS47MDX312U	52	MDM N1-2 RTD1 Meas			Nominal	< or = -45 deg F or > or = +120 deg F		2A +

NCS C&W EVENT TABLE

System	Message Text	Class	Element	SubSystem	P2 PUI	Event Code	Event Driver	Analog Limit Low	Analog Limit High	Discrete Value 0=	Discrete Value 1=	Limit Location PPL ID and/or Cmd	Flight Effectivity
CDH	MDM N1-2 Loss of Sync to MDM N1-1 - PMA 1	A	PMA1	Nod1 1 MDM	M1DS48MDX003U	66				Nominal	In Alarm		2A+
CDH	MDM N1-2 Control Bus GNC 2 Fail - NOD1	A	PMA1	Nod1 2 MDM	M1DS48MDX013U	76				Nominal	In Alarm		2A +
CDH	MDM N1-2 Local Bus Sys Lab 2 Fail - NOD1	A	PMA1	Nod1 2 MDM	M1DS48MDX015U	78				Nominal	In Alarm		2A +
CDH	MDM N1-1 Operational Heater Failed - NODE 1	A	PMA1	Nod1 2 MDM	M1DS48MDX303U	119	MDM N1-1 RTD2 Meas			Nominal	< or = -45 deg F or > or = +120 deg F		2A +
CDH	MDM N1-1 Survival Heater Failed - Node 1	A	PMA1	Nod1 1 MDM	M1DS48MDX408U	132	MDM N1-1 RTD1 Meas			Nominal	< or = -45 deg F or > or = +120 deg F		2A +
CDH	TLM System Off - FGB	A	FGB	TLM	RFCC00MD0500J	257				Nominal	Failed		2A +
CDH	Prime NCS Loss of Sync to SMCC - SM	A	SM	SMCC	M1DP47MDX016U	249				Nominal	In Alarm		2A.1 +
CDH	Prime NCS Detected Busy Bit Fail for SMCC - SM	A	SM	SMCC	M1DP47MDX017U	250				Nominal	In Alarm		2A.1 +
CDH	Prime NCS Detected Frame Count Fail for SMCC - SM	A	FGB	SMCC	M1DP47MDX018U	251				Nominal	In Alarm		2A.1 +
ECL	Cabin Fan Fail - NOD1	W	NOD1	Nod1_Cab_Fan	M1DS47MDX209U	34	Node 1 Cab Fan Speed	< 3200 rpm (3X @ 1 Hz)	> 7000 rpm (3X @ 1 Hz)	N/A	N/A		2A +
ECL	Cabin Press Hi - NOD1	W	NOD1	Nod1_Cab_Press_Snsr	M1DS48MDX208U	103	Node 1 Cab Press	N/A	15.2 psia (3X @ 1 Hz)	N/A	N/A		2A +
ECL	Cabin Press Low - NOD1	W	NOD1	Nod1_Cab_Press_Snsr	M1DS48MDX209U	104	Node 1 Cab Press	13.9 psia (3X @ 1 Hz)	N/A	N/A	N/A		2A +
ECL	Cabin Press Low - FGB	W	FGB	FGB_Press_Snsr	RFEC00MD0007J	239	FGB WC Cab Press	TBD	N/A	N/A	N/A		2A +
ECL	Cabin Press Hi - FGB	W	FGB	FGB_Press_Snsr	RFEC00MD0008J	240	FGB WC Cab Press	N/A	TBD	N/A	N/A		2A +
ECL	FIRE - Smoke Detector Level 1 - FGB	W	FGB	FGB_SD	RFEC00MD0031J	255	FGB SDx Level 1	N/A	N/A	All FGB SD have Level 1 = blank (normal)	1+ FGB SD have Level 1 = X (In Alarm)		2A +

System	Message Text	Class	Element	SubSystem	P2 PUI	Event Code	Event Driver	Analog Limit Low	Analog Limit High	Discrete Value 0=	Discrete Value 1=	Limit Location PPL ID and/or Cmd	Flight Effectivity
ECL	FIRE - Smoke Detector 1 - NOD1	F	NOD1	Nod1_SD_1	M1DS47MDX210U	35	Node 1 SD 1 Sctr > Sctr Threshold 3X @ 1 Hz, with 3 second Active BIT between second and third measurements. Sctr Threshold = (Sctr Trip) * ((Obs+4.0v)/8.0v)	N/A	N/A	N/A	N/A		2A +
ECL	FIRE - Smoke Detector 2 - NOD1	F	NOD1	Nod1_SD_2	M1DS48MDX210U	105	Node 1 SD 2 Sctr > Sctr Threshold 3X @ 1 Hz, with 3 second Active BIT between second and third measurements. Sctr Threshold = (Sctr Trip) * ((Obs+4.0v)/8.0v)	N/A	N/A	N/A	N/A		2A +
ECL	FIRE - Smoke Detector Level 2 - FGB	F	FGB	FGB_SD	RFEC00MD0001J	241	FGB SDx Level 2	N/A	N/A	0 or 1 FGB SD have Level 2 = X (In Alarm)	2+ FGB SD have Level 2 = X (In Alarm)		2A +
ECL	IMV Aft Port Fan Fail Low - NOD1	C	NOD1	Nod1_Aft_Port_IMV_Fan	M1DS47MDX201U	27	IMV Aft Port Fan Spd	<7462 rpm (3X)	N/A	N/A	N/A		2A +
ECL	IMV Aft Port Fan Fail Hi - NOD1	C	NOD1	Nod1_Aft_Port_IMV_Fan	M1DS47MDX202U	28	IMV Aft Port Fan Spd	N/A	> 9500 rpm (3X)	N/A	N/A		2A +
ECL	IMV Aft Port Vlv Fail - NOD1	C	NOD1	Nod1_Aft_Port_IMV_Vlv	M1DS47MDX203U	29	IMV Aft Port Vlv Status ≠ commanded position after 20 seconds.	N/A	N/A	N/A	N/A		2A +
ECL	IMV Aft Stbd Vlv Fail - NOD1	C	NOD1	Nod1_Aft_Stbd_IMV_Vlv	M1DS47MDX204U	30	IMV Aft Stbd Vlv Status ≠ commanded position after 20 seconds.	N/A	N/A	N/A	N/A		2A +
ECL	IMV Port Fwd Vlv Fail - NOD1	C	NOD1	Nod1_Port_Fwd_IMV_Vlv	M1DS47MDX205U	31	IMV Port Fwd Vlv Status ≠ commanded position after 20 seconds.	N/A	N/A	N/A	N/A		2A +
ECL	IMV Stbd Aft Vlv Fail - NOD1	C	NOD1	Nod1_Stbd_Aft_IMV_Vlv	M1DS47MDX206U	32	IMV Stbd Aft Vlv Status ≠ commanded position after 20 seconds.	N/A	N/A	N/A	N/A		2A +
ECL	IMV Stbd Fwd Vlv Fail - NOD1	C	NOD1	Nod1_Stbd_Fwd_IMV_Vlv	M1DS47MDX207U	33	IMV Stbd Fwd Vlv Status ≠ commanded position after 20 seconds.	N/A	N/A	N/A	N/A		2A +

System	Message Text	Class	Element	SubSystem	P2 PUI	Event Code	Event Driver	Analog Limit Low	Analog Limit High	Discrete Value 0=	Discrete Value 1=	Limit Location PPL ID and/or Cmd	Flight Effectivity
ECL	Smoke Detector 1 Active BIT Fail - NOD1	C	NOD1	Nod1_SD_1	M1DS47MDX211U	36	SD 1 Active BIT in Progress and one of the following: Sctr > 6.89 % obsc/mtr or Sctr < 2.95 %obsc/mtr during LED phase, Sctr > 0.82 % obsc/mtr or Sctr < -0.328 % obsc/mtr during QUIET phase, or Obsc > 97.5% contam in either phase.	N/A	N/A	N/A	N/A		2A +
ECL	Smoke Detector 1 Lens Contamination - NOD1	C	NOD1	Nod1_SD_1	M1DS47MDX213U	38	SD 1 Obsc > 45% contam (3X)	N/A	N/A	N/A	N/A		2A +
ECL	RAMV Fail - NOD1	C	NOD1	Nod1_RAMV	M1DS47MDX215U	40	Node 1 RAMV Status is more than ± 5 degrees from desired position after 30 seconds.	N/A	N/A	N/A	N/A		2A +
ECL	IMV Deck Fwd Vlv Fail - NOD1	C	NOD1	Nod1_Deck_Fwd_IMV_Vlv	M1DS48MDX204U	99	IMV Deck Fwd Vlv Status ≠ commanded position after 20 seconds.	N/A	N/A	N/A	N/A		2A +
ECL	IMV Deck Aft Vlv Fail - NOD1	C	NOD1	Nod1_Deck_Aft_IMV_Vlv	M1DS48MDX205U	100	IMV Deck Aft Vlv Status ≠ commanded position after 20 seconds.	N/A	N/A	N/A	N/A		2A +
ECL	IMV Fwd Stbd Vlv Fail - NOD1	C	NOD1	Nod1_Fwd_Stbd_IMV_Vlv	M1DS48MDX206U	101	IMV Fwd Stbd Vlv Status ≠ commanded position after 20 seconds.	N/A	N/A	N/A	N/A		2A +
ECL	IMV Fwd Port Vlv Fail - NOD1	C	NOD1	Nod1_Fwd_Port_IMV_Vlv	M1DS48MDX207U	102	IMV Fwd Port Vlv Status ≠ commanded position after 20 seconds.	N/A	N/A	N/A	N/A		2A +

System	Message Text	Class	Element	SubSystem	P2 PUI	Event Code	Event Driver	Analog Limit Low	Analog Limit High	Discrete Value 0=	Discrete Value 1=	Limit Location PPL ID and/or Cmd	Flight Effectivity
ECL	Smoke Detector 2 Active BIT Fail - NOD1	C	NOD1	Nod1_SD_2	M1DS48MDX211U	106	SD 2 Active BIT in Progress and one of the following: Sctr > 6.89 % obsc/mtr or Sctr < 2.95 %obsc/mtr during LED phase, Sctr > 0.82 % obsc/mtr or Sctr < -0.328 % obsc/mtr during QUIET phase, or Obsc > 97.5% contam in either phase.	N/A	N/A	N/A	N/A		2A +
ECL	Smoke Detector 2 Lens Contamination - NOD1	C	NOD1	Nod1_SD_2	M1DS48MDX213U	108	SD 1 Obsc > 45% contam (3X)	N/A	N/A	N/A	N/A		2A +
ECL	Cupola RAMV Fail - NOD1	C	NOD1	Nod1_Cup_RAMV	M1DS48MDX215U	110	CUP RAMV Status is more than ± 5 degrees from desired position after 30 seconds.	N/A	N/A	N/A	N/A		2A +
ECL	Smoke Detector 2 Fail - NOD1	C	NOD1	Nod1_SD_2	M1DS48MDX212U	107	SD 1 Sctr < -0.328 % obs/mtr or SD obsc > 50% contam or SD obsc < -2.5 % contam (2X for each event)	N/A	N/A	N/A	N/A		2A +
ECL	IMV Stbd Aft Fan Fail Low - NOD1	C	NOD1	Nod1_Stbd_Aft_IMV_Fan	M1DS48MDX202U	97	IMV Stbd Aft Fan Spd	< 7462 rpm (3X)	N/A	N/A	N/A		2A +
ECL	IMV Port Fwd Fan Fail Low - NOD1	C	NOD1	Nod1_Port_Fwd_IMV_Fan	M1DS48MDX200U	95	IMV Port Fwd Fan Spd	< 7462 rpm (3X)	N/A	N/A	N/A		2A +
ECL	IMV Stbd Aft Fan Fail Hi - NOD1	C	NOD1	Nod1_Stbd_Aft_IMV_Fan	M1DS48MDX203U	98	IMV Stbd Aft Fan Spd	N/A	> 9500 rpm (3X)	N/A	N/A		2A +
ECL	IMV Port Fwd Fan Fail Hi - NOD1	C	NOD1	Nod1_Port_Fwd_IMV_Fan	M1DS48MDX201U	96	IMV Port Fwd Fan Spd	N/A	> 9500 rpm (3X)	N/A	N/A		2A +
ECL	Smoke Detector 1 Fail - NOD1	C	NOD1	Nod1_SD_1	M1DS47MDX212U	37	SD 1 Sctr < -0.328 % obs/mtr or SD obsc > 50% contam or SD obsc < -2.5 % contam (2X for each event)	N/A	N/A	N/A	N/A		2A +
ECL	IMV Aft Port Fan FDIR Inhib - NOD1	A	NOD1	Nod1_Aft_Port_IMV_Fan	M1DS47MDX214U	39	Receipt of IMV Aft Port Fan FDIR Inh and Inh Cfrm cmds and IMV_Aft_Port_Fan_ Status = Inh	N/A	N/A	N/A	N/A		2A +
ECL	IMV Stbd Aft Fan FDIR Inhib - NOD1	A	NOD1	Nod1_Stbd_Aft_IMV_Fan	M1DS48MDX214U	109	Receipt of IMV Stbd Aft Fan FDIR Inh and Inh Cfrm cmds and IMV_Stbd_Aft_Fan_ Status = Inh	N/A	N/A	N/A	N/A		2A +

System	Message Text	Class	Element	SubSystem	P2 PUI	Event Code	Event Driver	Analog Limit Low	Analog Limit High	Discrete Value 0=	Discrete Value 1=	Limit Location PPL ID and/or Cmd	Flight Effectivity
ECL	INVALID - FIRE - Smoke Detector Level 2 - FGB	A	FGB	FGB_SD	RFEC00MD0030J	252	FGB_Fire_Valid_CW set to INVALID. This can be done by **MCC-M** to indicate bad data feeding this alarm, or by the FGB MDM receiving a bad status indicator for the data message containing this event.	N/A	N/A	Valid	Invalid		2A +
ECL	INVALID - FIRE - Smoke Detector Level 1 - FGB	A	FGB	FGB_SD	RFEC00MD0029J	253	FGB_Smoke_Valid_CW set to INVALID. This can be done by **MCC-M** to indicate bad data feeding this alarm, or by the FGB MDM receiving a bad status indicator for the data message containing this event.	N/A	N/A	Valid	Invalid		2A +
ECL	INVALID - Cab Press Hi - FGB	A	FGB	FGB_Press_Snsr	RFEC00MD0012J	254	FGB_Cab_Press_UL_Vlol_Valid_CW set to INVALID. This can be done by **MCC-M** to indicate bad data feeding this alarm, or by the FGB MDM receiving a bad status indicator for the data message containing this event.	N/A	N/A	Valid	Invalid		2A +
ECL	IMV Port Fwd Fan FDIR Inhib - NOD1	A	NOD1	Nod1_Port_Fwd_IMV_Fan	M1DS48MDX302U	245	Receipt of IMV Port Fwd Fan FDIR Inh and Inh Cfrm cmds and IMV_Port_Fwd_Fan_Status = Inh	N/A	N/A	N/A	N/A		2A +

System	Message Text	Class	Element	SubSystem	P2 PUI	Event Code	Event Driver	Analog Limit Low	Analog Limit High	Discrete Value 0=	Discrete Value 1=	Limit Location PPL ID and/or Cmd	Flight Effectivity
ECL	INVALID - Cab Press Low - FGB	A	FGB	FGB_Press_Snsr	RFEC00MD0011J	256	FGB_Cab_Press_LL_Viol_Valid_CW set to INVALID. This can be done by **MCC-M** to indicate bad data feeding this alarm, or by the FGB MDM receiving a bad status indicator for the data message containing this event.	N/A	N/A	Valid	Invalid		2A +
ECL	Air Temp Hi - FGB	A	FGB	N/A (alarm covers all temps)	RFTC00MD0004J	258	TBD	N/A	TBD	N/A	N/A		2A +
ECL	Air Temp Low - FGB	A	FGB	N/A (alarm covers all temps)	RFTC00MD0003J	259	TBD	TBD	N/A	N/A	N/A		2A +
EPS	FGB Power Utilization Violation - Load Shed Initiated - NOD1	C	FGB	FGB_Batt	M1DP47MDX110U	170	Low voltage on 3 FGB Batteries			Volts < or = 25.5	Volts > 25.5		
EPS	RPCM N1RS1_C Loss of Comm - NOD1	A	NOD1	RPCM N1RS1_C	M1DP47MDX202U	178	Intgrtn_Ctr N1PN11FC0617U			Static	Incre-menting		
EPS	RPCM N1RS1_B Loss of Comm - NOD1	A	NOD1	RPCM N1RS1_B	M1DP47MDX203U	179	Intgrtn_Ctr N1PN10FC0617U			Static	Incre-menting		
EPS	RPCM N1RS1_A Loss of Comm - NOD1	A	NOD1	RPCM N1RS1_A	M1DP47MDX204U	180	Intgrtn_Ctr N1PN09FC0617U			Static	Incre-menting		
EPS	RPCM N1RS2_C Loss of Comm - NOD1	A	NOD1	RPCM N1RS2_C	M1DP47MDX207U	183	Intgrtn_Ctr N1PN15FC0617U			Static	Incre-menting		
EPS	RPCM N1RS2_B Loss of Comm - NOD1	A	NOD1	RPCM N1RS2_B	M1DP47MDX208U	184	Intgrtn_Ctr N1PN14FC0617U			Static	Incre-menting		
EPS	RPCM N1RS2_A Loss of Comm - NOD1	A	NOD1	RPCM N1RS2_A	M1DP47MDX209U	185	Intgrtn_Ctr N1PN13FC0617U			Static	Incre-menting		
EPS	RPCM N1RS1_C Trip - NOD1	A	NOD1	RPCM N1RS1_C	M1DP47MDX302U	194	RPCM_N1RS1_C_RPC_XX_Trip_Stat,RPCM_N1RS1_C_Undvolt_Trip_Awaitg_Rcvy, RPCM_N1RS1_C_Undvolt_Trip						
EPS	RPCM N1RS1_B Trip - NOD1	A	NOD1	RPCM N1RS1_B	M1DP47MDX303U	195	RPCM_N1RS1_B_RPC_XX_Trip_Stat,RPCM_N1RS1_B_Undvolt_Trip_Awaitg_Rcvy, RPCM_N1RS1_B_Undvolt_Trip						

System	Message Text	Class	Element	SubSystem	P2 PUI	Event Code	Event Driver	Analog Limit Low	Analog Limit High	Discrete Value 0=	Discrete Value 1=	Limit Location PPL ID and/or Cmd	Flight Effectivity
EPS	RPCM N1RS1_A Trip - NOD1	A	NOD1	RPCM N1RS1_A	M1DP47MDX304U	196	RPCM_N1RS1_A_RPC_XX_Trip_Stat,RPCM_N1RS1_A_Undvolt_Trip_Awaitg_Rcvy, RPCM_N1RS1_A_Undvolt_Trip						
EPS	RPCM N1RS2_C Trip - NOD1	A	NOD1	RPCM N1RS2_C	M1DP47MDX307U	199	RPCM_N1RS2_C_RPC_XX_Trip_Stat,RPCM_N1RS2_C_Undvolt_Trip_Awaitg_Rcvy, RPCM_N1RS2_C_Undvolt_Trip			nominal	Trip		
EPS	RPCM N1RS2_B Trip - NOD1	A	NOD1	RPCM N1RS2_B	M1DP47MDX308U	200	RPCM_N1RS2_B_RPC_XX_Trip_Stat,RPCM_N1RS2_B_Undvolt_Trip_Awaitg_Rcvy, RPCM_N1RS2_B_Undvolt_Trip						
EPS	RPCM N1RS2_A Trip - NOD1	A	NOD1	RPCM N1RS2_A	M1DP47MDX309U	201	RPCM_N1RS2_A_RPC_XX_Trip_Stat,RPCM_N1RS2_A_Undvolt_Trip_Awaitg_Rcvy, RPCM_N1RS2_A_Undvolt_Trip						
EPS	RPCM N14B_C Trip - NOD1	A	NOD1	RPCM N14B_C	M1DS47MDX102U	13	RPCM_N14B_C_RPC_XX_Trip_Stat,RPCM_N14B_C_Undvolt_Trip_Awaitg_Rcvy, RPCM_N14B_C_Undvolt_Trip			nominal	Trip		
EPS	RPCM N14B_B Trip - NOD1	A	NOD1	RPCM N14B_B	M1DS47MDX103U	14	RPCM_N14B_B_RPC_XX_Trip_Stat,RPCM_N14B_B_Undvolt_Trip_Awaitg_Rcvy, RPCM_N14B_B_Undvolt_Trip			nominal	Trip		
EPS	RPCM N14B_A Trip - NOD1	A	NOD1	RPCM N14B_A	M1DS47MDX104U	15	RPCM_N14B_A_RPC_XX_Trip_Stat,RPCM_N14B_A_Undvolt_Trip_Awaitg_Rcvy, RPCM_N14B_A_Undvolt_Trip			nominal	Trip		
EPS	RPCM N14B_C Loss of Comm - NOD1	A	NOD1	RPCM N14B_C	M1DS47MDX107U	18	Intgrtn_Ctr N1PN07FC0617U			Static	Incre-menting		
EPS	RPCM N14B_B Loss of Comm - NOD1	A	NOD1	RPCM N14B_B	M1DS47MDX108U	19	Intgrtn_Ctr N1PN06FC0617U			Static	Incre-menting		

System	Message Text	Class	Element	SubSystem	P2 PUI	Event Code	Event Driver	Analog Limit Low	Analog Limit High	Discrete Value 0=	Discrete Value 1=	Limit Location PPL ID and/or Cmd	Flight Effectivity
EPS	RPCM N14B_A Loss of Comm - NOD1	A	NOD1	RPCM N14B_A	M1DS47MDX109U	20	Intgrtn_Ctr N1PN05FC0617U			Static	Incre-menting		
EPS	RPCM N13B_C Trip - NOD1	A	NOD1	RPCM N13B_C	M1DS48MDX102U	81	RPCM_N13B_C_RPC_XX_Trip_Stat,RPCM_N13B_C_Undvolt_Trip_Awaitg_Rcvy, RPCM_N13B_C_Undvolt_Trip			nominal	Trip		
EPS	RPCM N13B_B Trip - NOD1	A	NOD1	RPCM N13B_B	M1DS48MDX103U	82	RPCM_N13B_B_RPC_XX_Trip_Stat,RPCM_N13B_B_Undvolt_Trip_Awaitg_Rcvy, RPCM_N13B_B_Undvolt_Trip			nominal	Trip		
EPS	RPCM N13B_A Trip - NOD1	A	NOD1	RPCM N13B_A	M1DS48MDX104U	83	RPCM_N13B_A_RPC_XX_Trip_Stat,RPCM_N13B_A_Undvolt_Trip_Awaitg_Rcvy, RPCM_N13B_A_Undvolt_Trip			nominal	Trip		
EPS	RPCM N13B_C Loss of Comm - NOD1	A	NOD1	RPCM N13B_C	M1DS48MDX107U	86	Intgrtn_Ctr N1PN03FC0617U			Static	Incre-menting		
EPS	RPCM N13B_B Loss of Comm - NOD1	A	NOD1	RPCM N13B_B	M1DS48MDX108U	87	Intgrtn_Ctr N1PN02FC0617U			Static	Incre-menting		
EPS	RPCM N13B_A Loss of Comm - NOD1	A	NOD1	RPCM N13B_A	M1DS48MDX109U	88	Intgrtn_Ctr N1PN01FC0617U			Static	Incre-menting		
EPS	SPDA Z13B Heater A Failed - Z1	A	Z1	HTR	M1DS47MDX400U	56							3A +
EPS	SPDA Z14B Heater A Failed - Z1	A	Z1	HTR	M1DS47MDX401U	57							3A +
EPS	SPDA Z13B Heater B Failed - Z1	A	Z1	HTR	M1DS48MDX410U	134							3A +
EPS	SPDA Z14B Heater B Failed - Z1	A	Z1	HTR	M1DS48MDX411U	135							3A +
EPS	RPCM Z14B_B Loss of Comm - Z1	A	Z1	RPCM Z14B_B	M1DP47MDX200U	176							3A +
EPS	RPCM Z14B_A Loss of Comm - Z1	A	Z1	RPCM Z14B_A	M1DP47MDX201U	177							3A +
EPS	RPCM Z13B_B Loss of Comm - Z1	A	Z1	RPCM Z13B_B	M1DP47MDX205U	181							3A +
EPS	RPCM Z13B_A Loss of Comm - Z1	A	Z1	RPCM Z13B_A	M1DP47MDX206U	182							3A +
EPS	RPCM Z14B_B Trip - Z1	A	Z1	RPCM Z14B_B	M1DP47MDX300U	192							3A +
EPS	RPCM Z14B_A Trip - Z1	A	Z1	RPCM Z14B_A	M1DP47MDX301U	193							3A +
EPS	RPCM Z13B_B Trip - Z1	A	Z1	RPCM Z13B_B	M1DP47MDX305U	197							3A +
EPS	RPCM Z13B_A Trip - Z1	A	Z1	RPCM Z13B_A	M1DP47MDX306U	198							3A +
EPS	RPCM LAB1D1_F_A Trip - Lab	A	LAB	RPCM LAB1D1_F_A	M1DS47MDX100U	11							3A +
EPS	RPCM LF_A Trip - Lab	A	LAB	RPCM LF_A	M1DS47MDX101U	12							3A +
EPS	RPCM LAB1D1_F_A Loss of Comm - Lab	A	LAB	RPCM LAB1D1_F_A	M1DS47MDX105U	16							3A +
EPS	RPCM LF_A Loss of Comm - Lab	A	LAB	RPCM LF_A	M1DS47MDX106U	17							3A +
EPS	RPCM LAB1D5_A_A Trip - Lab	A	LAB	RPCM LAB1D5_A_A	M1DS48MDX100U	79							3A +

System	Message Text	Class	Element	SubSystem	P2 PUI	Event Code	Event Driver	Analog Limit Low	Analog Limit High	Discrete Value 0=	Discrete Value 1=	Limit Location PPL ID and/or Cmd	Flight Effectivity
EPS	RPCM LA_A Trip - Lab	A	LAB	RPCM LA_A	M1DS48MDX101U	80							3A +
EPS	RPCM LAB1D5_A_A Loss of Comm - Lab	A	LAB	RPCM LAB1D5_A_A	M1DS48MDX105U	84							3A +
EPS	RPCM LA_A Loss of Comm - Lab	A	LAB	RPCM LA_A	M1DS48MDX106U	85							3A +
SNM	CBM-Rapid-Safing-Failure - NOD1	C	NOD1	CBM	M1DP47MDX112U	172	CBM Rapid Safing Fails to complete.			Normal	Tripped		2A +
SNM	CBM-Rapid-Safing-in-Progress - NOD1	C	NOD1	CBM	M1DP47MDX113U	173	CBM Rapid Safing command issued.			Normal	Tripped		2A +
SNM	CBM FORWARD Primary RT Fail - NOD1	A	NOD1	CBM	M1DS47MDX006U	1	MDM to RT Communication Failure			Normal	Tripped		2A +
SNM	CBM PORT Primary RT Fail - NOD1	A	NOD1	CBM	M1DS47MDX007U	2	MDM to RT Communication Failure			Normal	Tripped		2A +
SNM	CBM DECK Primary RT Fail - NOD1	A	NOD1	CBM	M1DS47MDX008U	3	MDM to RT Communication Failure			Normal	Tripped		2A +
SNM	CBM STARBOARD Primary RT Fail - NOD1	A	NOD1	CBM	M1DS47MDX009U	4	MDM to RT Communication Failure			Normal	Tripped		2A +
SNM	CBM ZENITH Primary RT Fail - NOD1	A	NOD1	CBM	M1DS47MDX010U	5	MDM to RT Communication Failure			Normal	Tripped		2A +
SNM	CBM FORWARD Secondary RT Fail - NOD1	A	NOD1	CBM	M1DS48MDX005U	68	MDM to RT Communication Failure			Normal	Tripped		2A +
SNM	CBM PORT Secondary RT Fail - NOD1	A	NOD1	CBM	M1DS48MDX006U	69	MDM to RT Communication Failure			Normal	Tripped		2A +
SNM	CBM DECK Secondary RT Fail - NOD1	A	NOD1	CBM	M1DS48MDX007U	70	MDM to RT Communication Failure			Normal	Tripped		2A +
SNM	CBM STARBOARD Secondary RT Failure - NOD1	A	NOD1	CBM	M1DS48MDX008U	71	MDM to RT Communication Failure			Normal	Tripped		2A +
SNM	CBM ZENITH Secondry RT Fail - NOD1	A	NOD1	CBM	M1DS48MDX009U	72	MDM to RT Communication Failure			Normal	Tripped		2A +
TCS	Node 1 Heater 1A Failed - Node 1	A	NOD1	HTR	M1DS47MDX302U	42							
TCS	Node 1 Heater 2A Failed - Node 1	A	NOD1	HTR	M1DS47MDX303U	43							
TCS	Node 1 Heater 3A Failed - Node 1	A	NOD1	HTR	M1DS47MDX304U	44							
TCS	Node 1 Heater 4A Failed - Node 1	A	NOD1	HTR	M1DS47MDX305U	45							
TCS	Node 1 Heater 5A Failed - Node 1	A	NOD1	HTR	M1DS47MDX306U	46							
TCS	Node 1 Heater 6A Failed - Node 1	A	NOD1	HTR	M1DS47MDX307U	47							
TCS	Node 1 Heater 7A Failed - Node 1	A	NOD1	HTR	M1DS47MDX308U	48							
TCS	Node 1 Heater 8A Failed - Node 1	A	NOD1	HTR	M1DS47MDX309U	49							
TCS	Node 1 Heater 9A Failed - Node 1	A	NOD1	HTR	M1DS47MDX310U	50							
TCS	PMA1 Heater 1A Failed - PMA1	A	PMA1	HTR	M1DS47MDX311U	51							
TCS	PMA1 Heater 3A Failed - PMA1	A	PMA1	HTR	M1DS47MDX313U	53							
TCS	PMA1 Heater 4A Failed - PMA1	A	PMA1	HTR	M1DS47MDX314U	54							
TCS	PMA1 Heater 5A Failed - PMA 1	A	PMA1	HTR	M1DS47MDX315U	55							
TCS	Cupola Win Heater 7A Failed - Cupola	A	CUP	HTR	M1DS48MDX304U	111							
TCS	Cupola Win Heater 7B Failed - Cupola	A	CUP	HTR	M1DS48MDX305U	112							

System	Message Text	Class	Element	SubSystem	P2 PUI	Event Code	Event Driver	Analog Limit Low	Analog Limit High	Discrete Value 0=	Discrete Value 1=	Limit Location PPL ID and/or Cmd	Flight Effectivity
TCS	Cupola Win Heater 1A Failed - Cupola	A	CUP	HTR	M1DS48MDX306U	113							
TCS	Cupola Win Heater 2A Failed - Cupola	A	CUP	HTR	M1DS48MDX307U	114							
TCS	Cupola Win Heater 3A Failed - Cupola	A	CUP	HTR	M1DS48MDX308U	115							
TCS	Cupola Win Heater 4A Failed - Cupola	A	CUP	HTR	M1DS48MDX309U	116							
TCS	Cupola Win Heater 5A Failed - Cupola	A	CUP	HTR	M1DS48MDX310U	117							
TCS	Cupola Win Heater 6A Failed - Cupola	A	CUP	HTR	M1DS48MDX311U	118							
TCS	Node 1 Heater 1B Failed - Node 1	A	NOD1	HTR	M1DS48MDX312U	120							
TCS	Node 1 Heater 2B Failed - Node 1	A	NOD1	HTR	M1DS48MDX313U	121							
TCS	Node 1 Heater 3B Failed - Node 1	A	NOD1	HTR	M1DS48MDX314U	122							
TCS	Node 1 Heater 4B Failed - Node 1	A	NOD1	HTR	M1DS48MDX315U	123							
TCS	Node 1 Heater 5B Failed - Node 1	A	NOD1	HTR	M1DS48MDX400U	124							
TCS	Node 1 Heater 6B Failed - Node 1	A	NOD1	HTR	M1DS48MDX401U	125							
TCS	Node 1 Heater 7B Failed - Node 1	A	NOD1	HTR	M1DS48MDX402U	126							
TCS	Node 1 Heater 8B Failed - Node 1	A	NOD1	HTR	M1DS48MDX403U	127							
TCS	Node 1 Heater 9B Failed - Node 1	A	NOD1	HTR	M1DS48MDX404U	128							
TCS	PMA1 Heater 1B Failed - PMA1	A	PMA1	HTR	M1DS48MDX405U	129							
TCS	PMA1 Heater 2B Failed - PMA1	A	PMA1	HTR	M1DS48MDX406U	130							
TCS	PMA1 Heater 3B Failed - PMA1	A	PMA1	HTR	M1DS48MDX407U	131							
TCS	PMA1 Heater 5B Failed - PMA1	A	PMA1	HTR	M1DS48MDX409U	133							
TCS	PMA3 Heater 1A Failed - PMA3	A	PMA3	HTR	M1DS48MDX500U	136							
TCS	PMA3 Heater 2A Failed - PMA3	A	PMA3	HTR	M1DS48MDX501U	137							
TCS	PMA3 Heater 3A Failed - PMA3	A	PMA3	HTR	M1DS48MDX502U	138							
TCS	PMA3 Heater 4A Failed - PMA3	A	PMA3	HTR	M1DS48MDX503U	139							
TCS	PMA3 Heater 5A Failed - PMA3	A	PMA3	HTR	M1DS48MDX504U	140							
TCS	PMA3 Heater 1B Failed - PMA3	A	PMA3	HTR	M1DS48MDX505U	141							
TCS	PMA3 Heater 2B Failed - PMA3	A	PMA3	HTR	M1DS48MDX506U	142							
TCS	PMA3 Heater 3B Failed - PMA3	A	PMA3	HTR	M1DS48MDX507U	143							
TCS	PMA3 Heater 4B Failed - PMA3	A	PMA3	HTR	M1DS48MDX508U	144							
TCS	PMA3 Heater 5B Failed - PMA3	A	PMA3	HTR	M1DS48MDX509U	145							