

FD	NOMENCLATURE	FORMAT
D41E#09413	ME-# SENSOR UNDER TEST	DW 94
D41E#09513	ME-# SENSOR INDEX	DW 95
D41E#11513	ME-# SELECTABLE ENTRY	DW115
D41E#11613	ME-# SELECTABLE ENTRY	DW116
D41E#11713	ME-# SELECTABLE ENTRY	DW117
D41E#11813	ME-# SELECTABLE ENTRY	DW118
D41E#11913	ME-# SELECTABLE ENTRY	DW119
D41E#12113	ME-# SELECTABLE ENTRY	DW121
D41E#12213	ME-# SELECTABLE ENTRY	DW122
D41E#12313	ME-# SELECTABLE ENTRY	DW123
D41E#12413	ME-# SELECTABLE ENTRY	DW124
D41E#12513	ME-# SELECTABLE ENTRY	DW125
D41E#12713	ME-# SELECTABLE ENTRY	DW127
D41E#12813	ME-# SELECTABLE ENTRY	DW128
D41E#2021L	ME-# RESUME CMD C-3	
D41E#50813	ME-# COMMAND REJECT VTF-01	
D41E#50823	ME-# COMMAND REJECT IMP-10	
D41E#50913	ME-# CHANNEL 1 STATUS ERROR	DW 3
D41E#50923	ME-# CHANNEL 2 STATUS ERROR	DW 3
D41E#50933	ME-# CHANNEL 3 STATUS ERROR	DW 3
D41E#51513	ME-# HFID DUPLICATE	
D41E#72513	ME-# C/O STP NO-SEL ENTRY	DW126
D72V060513	EIU 1 CIA 1 FAIL	
D72V060613	EIU 1 CIA 2 FAIL	
D72V060713	EIU 1 SEC PWR SUPPLY 1 FAIL	
D72V060813	EIU 1 SEC PWR SUPPLY 2 FAIL	
D72V060913	EIU 1 SEC PWR SUPPLY 1OR2 FAIL	
D72V061213	EIU 1 OI BUFFER FAIL	
D72V062513	EIU 2 CIA 1 FAIL	
D72V062613	EIU 2 CIA 2 FAIL	
D72V062713	EIU 2 SEC PWR SUPPLY 1 FAIL	
D72V062813	EIU 2 SEC PWR SUPPLY 2 FAIL	
D72V062913	EIU 2 SEC PWR SUPPLY 1OR2 FAIL	
D72V063213	EIU 2 OI BUFFER FAIL	
D72V064513	EIU 3 CIA 1 FAIL	
D72V064613	EIU 3 CIA 2 FAIL	
D72V064713	EIU 3 SEC PWR SUPPLY 1 FAIL	
D72V064813	EIU 3 SEC PWR SUPPLY 2 FAIL	
D72V064913	EIU 3 SEC PWR SUPPLY 1OR2 FAIL	
D72V065213	EIU 3 OI BUFFER FAIL	
D75V4020A1	PCM DYNAMIC WRAPAROUND MDM OF01A	
D75V4020B1	PCM DYNAMIC WRAPAROUND MDM OF01B	
D75V4021A1	PCM DYNAMIC WRAPAROUND MDM OF02A	
D75V4021B1	PCM DYNAMIC WRAPAROUND MDM OF02B	
D75V4022A1	PCM DYNAMIC WRAPAROUND MDM OF03A	
D75V4022B1	PCM DYNAMIC WRAPAROUND MDM OF03B	
D75V4024A1	PCM DYNAMIC WRAPAROUND MDM OA01A	
D75V4024B1	PCM DYNAMIC WRAPAROUND MDM OA01B	
D75V4025A1	PCM DYNAMIC WRAPAROUND MDM OA02A	
D75V4025B1	PCM DYNAMIC WRAPAROUND MDM OA02B	
D75V4026A1	PCM DYNAMIC WRAPAROUND MDM OA03A	
D75V4026B1	PCM DYNAMIC WRAPAROUND MDM OA03B	
E41C#721D3	ME-# MFV S/V CURRENT	DW 38
E41C#722D3	ME-# MOV S/V CURRENT	DW 56
E41C#723D3	ME-# CCV S/V CURRENT	DW122
E41C#724D3	ME-# FPOV S/V CURRENT	DW123
E41C#725D3	ME-# OPOV S/V CURRENT	DW126
E41C#730D3	ME-# MFV S/V CUR CH A	DW 6 147
E41C#731D3	ME-# MOV S/V CUR CH A	DW 7 147
E41C#732D3	ME-# CCV S/V CUR CH A	DW 8 147
E41C#733D3	ME-# FPOV S/V CUR CH A	DW 9 147
E41C#734D3	ME-# OPOV S/V CUR CH A	DW 10 147
E41C#735D3	ME-# MFV S/V CUR CH A (PREV)	DW 11 147
E41C#736D3	ME-# MOV S/V CUR CH A (PREV)	DW 12 147
E41C#737D3	ME-# CCV S/V CUR CH A (PREV)	DW 13 147
E41C#738D3	ME-# FPOV S/V CUR CH A (PREV)	DW 14 147
E41C#739D3	ME-# OPOV S/V CUR CH A (PREV)	DW 15 147
E41C#749D3	ME-# MFV S/V CUR CH B	DW 33 147
E41C#750D3	ME-# MOV S/V CUR CH B	DW 34 147
E41C#751D3	ME-# CCV S/V CUR CH B	DW 35 147
E41C#752D3	ME-# FPOV S/V CUR CH B	DW 36 147
E41C#753D3	ME-# OPOV S/V CUR CH B	DW 37 147
E41C#773D3	ME-# MFV S/V CUR CH B (PREV)	DW 60 147
E41C#774D3	ME-# MOV S/V CUR CH B (PREV)	DW 62 147
E41C#775D3	ME-# CCV S/V CUR CH B (PREV)	DW 63 147
E41C#776D3	ME-# FPOV S/V CUR CH B (PREV)	DW 64 147

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E41C#777D3	ME-# OPOV S/V CUR CH B (PREV)	DW 65	147
E41D#136D3	ME-# VIB CHAN V1A	DW118	
E41D#137D3	ME-# VIB CHAN V2A	DW118	
E41D#138D3	ME-# VIB CHAN V1B	DW119	
E41D#139D3	ME-# VIB CHAN V2B	DW119	
E41D#140D3	ME-# VIB CHAN V1C	DW121	
E41D#141D3	ME-# VIB CHAN V2C	DW121	
E41D#601A	ME-# HPOT 45 DEG ACCEL		
E41D#602A	ME-# HPOT 135-1 DEG ACCEL		
E41D#603A	ME-# HPOT 135-2 DEG ACCEL		
E41D#604A	ME-# HPFP 0 DEG ACCEL		
E41D#605A	ME-# HPFP 174 DEG ACCEL		
E41D#606A	ME-# HPFP 186 DEG ACCEL		
E41D#607A	ME-# GIMBAL A ACCEL		
E41D#608A	ME-# GIMBAL B ACCEL		
E41H#024B1	ME-# MFV ACTUATOR POSITION	DW 24	
E41H#024D3	ME-# MFV ACTUATOR POSITION	DW 24	
E41H#025B1	ME-# MOV ACTUATOR POSITION	DW 25	
E41H#025D3	ME-# MOV ACTUATOR POSITION	DW 25	
E41H#026B1	ME-# CCV ACTUATOR POSITION	DW 26	
E41H#026D3	ME-# CCV ACTUATOR POSITION	DW 26	
E41H#027B1	ME-# FPOV ACTUATOR POSITION	DW 27	
E41H#027D3	ME-# FPOV ACTUATOR POSITION	DW 27	
E41H#028B1	ME-# OPOV ACTUATOR POSITION	DW 28	
E41H#028D3	ME-# OPOV ACTUATOR POSITION	DW 28	
E41H#040D3	ME-# MFV ACTUATOR POS (PREV)	DW 40	
E41H#041D3	ME-# MOV ACTUATOR POS (PREV)	DW 41	
E41H#042D3	ME-# CCV ACTUATOR POS (PREV)	DW42	
E41H#043D3	ME-# FPOV ACT POS (PREV)	DW 43	
E41H#044D3	ME-# OPOV ACT POS (PREV)	DW 44	
E41H#060D3	ME-# MFV COMMANDED POSITION	DW 84	
E41H#061D3	ME-# FUEL BLEED VLV POSITION	DW 64	
E41H#062D3	ME-# OXID BLEED VLV POSITION	DW 65	
E41H#063D3	ME-# POGO RECIRN ISLN V POS	DW 63	
E41H#084D3	ME-# MFV ACT POS CH B	DW106	
E41H#085D3	ME-# MOV ACT POS CH B	DW107	
E41H#086D3	ME-# CCV ACT POS CH B	DW108	
E41H#087D3	ME-# FPOV ACT POS CH B	DW109	
E41H#088D3	ME-# OPOV ACT POS CH B	DW110	
E41H#104D3	ME-# ANTI-FLOOD VLV POS CH A	DW 68	
E41H#105D3	ME-# ANTI-FLOOD VLV POS CH B	DW 69	
E41H#113D3	ME-# MOV COMMANDED POSITION	DW 85	
E41H#114D3	ME-# CCV COMMANDED POSITION	DW 86	
E41H#115D3	ME-# FPOV COMMANDED POSITION	DW 87	
E41H#116D3	ME-# OPOV COMMANDED POSITION	DW 88	
E41H#117D3	ME-# OPOV CMD LIMIT	DW117	
E41H#740D3	ME-# 6% MODEL CHECK (OPN'G)	DW 16	147
E41H#741D3	ME-# 6% MODEL CHECK (CLSN'G)	DW 17	147
E41H#742D3	ME-# 10% MODEL CHECK (OPN'G)	DW 18	147
E41H#743D3	ME-# 10% MODEL CHECK (CLSN'G)	DW 19	147
E41H#756D3	ME-# MFV ACT POS CH A (PREV)	DW 40	147
E41H#757D3	ME-# MOV ACT POS CH A (PREV)	DW 41	147
E41H#758D3	ME-# CCV ACT POS CH A (PREV)	DW 42	147
E41H#759D3	ME-# FPOV ACT POS CH A (PREV)	DW 43	147
E41H#760D3	ME-# OPOV ACT POS CH A (PREV)	DW 44	147
E41H#761D3	ME-# MFV LTCH D/A OUT CH A	DW 45	147
E41H#762D3	ME-# MOV LTCH D/A OUT CH A	DW 46	147
E41H#763D3	ME-# CCV LTCH D/A OUT CH A	DW 47	147
E41H#764D3	ME-# FPOV LTCH D/A OUT CH A	DW 48	147
E41H#765D3	ME-# OPOV LTCH D/A OUT CH A	DW 49	147
E41H#766D3	ME-# MFV LTC D/A OUT CH A (PRV)	DW 50	147
E41H#767D3	ME-# MOV LTC D/A OUT CH A (PRV)	DW 51	147
E41H#768D3	ME-# CCV LTC D/A OUT CH A (PRV)	DW 52	147
E41H#769D3	ME-# FPOV LTC D/A OUT CH A PRVDW	53	147
E41H#770D3	ME-# OPOV LTC D/A OUT CH A PRVDW	54	147
E41H#780D3	ME-# ACT CMD CH UNDER TST (PRV)	DW68	147
E41H#782D3	ME-# MFV LTCH D/A OUT CH B	DW 70	147
E41H#783D3	ME-# MOV LTCH D/A OUT CH B	DW 71	147
E41H#785D3	ME-# CCV LTCH D/A OUT CH B	DW 76	147
E41H#786D3	ME-# FPOV LTCH D/A OUT CH B	DW 77	147
E41H#787D3	ME-# OPOV LTCH D/A OUT CH B	DW 78	147
E41H#788D3	ME-# MFV LTC D/A OUT CH B (PRV)	DW 79	147
E41H#789D3	ME-# MOV LTC D/A OUT CH B (PRV)	DW 80	147
E41H#790D3	ME-# CCV LTC D/A OUT CH B (PRV)	DW 81	147
E41H#791D3	ME-# FPOV LTC D/A OUT CH B PRVDW	82	147
E41H#792D3	ME-# OPOV LTC D/A OUT CH B PRVDW	83	147
E41H#794D3	ME-# MFV ACT POS CH B (PREV)	DW 92	147
E41H#795D3	ME-# MOV ACT POS CH B (PREV)	DW 93	147

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E41H#796D3	ME-# CCV ACT POS CH B (PREV)	DW 94	147
E41H#797D3	ME-# FPOV ACT POS CH B (PREV)	DW 95	147
E41H#798D3	ME-# OPOV ACT POS CH B (PREV)	DW 96	147
E41H#799D3	ME-# ACT CMD FOR CH UNDER TST	DW 97	147
E41H#801D3	ME-# CH A FS LCK DLTA POS OPN	DW115	147
E41H#802D3	ME-# CH A FS LCK DLTA POS CLS	DDW116	147
E41H#803D3	ME-# FAIL-OP SWITCHOVER DLT	DW 117	147
E41H#806D3	ME-# CHB FS LCK DLTAPOS OPN	DW 120	147
E41H#807D3	ME-# CHB FS LCK DLTAPOS CLS	DW 121	147
E41H#808D3	ME-# CURR CMD - CURR LTC D/A	DW 122	147
E41H#809D3	ME-# PREV CMD - PREV LTC D/A	DW 123	147
E41H#810D3	ME-# PREV CMD - CURR POS	DW 124	147
E41H#811D3	ME-# PREV CMD - CURR POS PRV	DW 125	147
E41H#813D3	ME-# STOP CHECK (FULL OPEN)	DW 127	147
E41H#814D3	ME-# STOP CHECK (FULL CLOSED)	DW128	147
E41J#090D3	ME-# INH COUNTER/PROM REV	DW 90	
E41J#091D3	ME-# HARD FAIL COUNTER	DW 91	
E41J#501B1	ME-# STANDARD BIT PATTERN	DW 1	
E41J#501D3	ME-# STANDARD BIT PATTERN	DW 1	
E41J#503B1	ME-# PROGRAM CONFIG	DW 1	
E41J#503D3	ME-# PROGRAM CONFIG	DW 1	
E41J#504B1	ME-# IMAGE STD BIT PATRN	DW 2	
E41J#504D3	ME-# IMAGE STD BIT PATRN	DW 2	
E41J#506B1	ME-# IMAGE PROGRAM CONFIG	DW 2	
E41J#506D3	ME-# IMAGE PROGRAM CONFIG	DW 2	
E41J#508B1	ME-# COMMAND STATUS	DW 3	
E41J#508D3	ME-# COMMAND STATUS	DW 3	
E41J#509B1	ME-# CHANNEL STATUS	DW 3	
E41J#509D3	ME-# CHANNEL STATUS	DW 3	
E41J#512B1	ME-# PHASE IN EFFECT	DW 3	
E41J#512D3	ME-# PHASE IN EFFECT	DW 3	
E41J#513B1	ME-# OPERATING MODE	DW 3	
E41J#513D3	ME-# OPERATING MODE	DW 3	
E41J#514B1	ME-# SELF TEST STATUS	DW 3	
E41J#514D3	ME-# SELF TEST STATUS	DW 3	
E41J#515B1	ME-# HARD FAILURE ID CODE	DW 5	
E41J#515D3	ME-# HARD FAILURE ID CODE	DW 5	
E41J#516B1	ME-# FAIL DELIMITER CODE	DW 5	
E41J#516D3	ME-# FAIL DELIMITER CODE	DW 5	
E41J#517D3	ME-# FAILURE ID CODE	DW100	
E41J#518D3	ME-# FAILURE DELIM CODE	DW100	
E41J#519D3	ME-# FAILURE ID CODE	DW101	
E41J#520D3	ME-# FAILURE DELIM CODE	DW101	
E41J#521D3	ME-# FAILURE ID CODE	DW102	
E41J#522D3	ME-# FAILURE DELIM CODE	DW102	
E41J#551B1	ME-# VEHICLE NUMBER	DW 1	
E41J#551D3	ME-# VEHICLE NUMBER	DW 1	
E41J#552B1	ME-# ENGINE POSITION	DW 1	
E41J#552D3	ME-# ENGINE POSITION	DW 1	
E41J#553B1	ME-# IMAGE VEHICLE NUMBER	DW 2	
E41J#553D3	ME-# IMAGE VEHICLE NUMBER	DW 2	
E41J#554B1	ME-# IMAGE ENGINE POS	DW 2	
E41J#554D3	ME-# IMAGE ENGINE POS	DW 2	
E41J#556D3	ME-# FPB IGN CH A	DW111	
E41J#557D3	ME-# OPB IGN CH A	DW111	
E41J#558D3	ME-# MCC IGN CH A	DW111	
E41J#959D3	ME-# INPUT WD 7 GSE INPUT PRVDW	39	147
E41K#201BL	ME-# NO-OP CMD		
E41K#202BL	ME-# RESUME CMD		
E41K#203BL	ME-# START CMD		
E41K#204BL	ME-# SHUTDOWN CMD		
E41K#206BL	ME-# MEMORY LOAD A		
E41K#207BL	ME-# MEMORY LOAD B		
E41K#210BL	ME-# LIMIT CONTROL INHIBIT CMD		
E41K#211BL	ME-# LIMIT CONTROL ENABLE CMD		
E41K#212BL	ME-# SHUTDOWN ENABLE CMD		
E41K#213BL	ME-# PURGE SEQUENCE 1 CMD		
E41K#214BL	ME-# PURGE SEQUENCE 2 CMD		
E41K#215BL	ME-# PURGE SEQUENCE 3 CMD		
E41K#216BL	ME-# PURGE SEQUENCE 4 CMD		
E41K#217BL	ME-# START ENABLE CMD		
E41K#218BL	ME-# TERMINATE SEQUENCE CMD		
E41K#219BL	ME-# OXIDIZER DUMP CMD		
E41K#221BL	ME-# CHECKOUT STANDBY CMD		
E41K#222BL	ME-# RESET CHANNEL A CMD		
E41K#223BL	ME-# RESET CHANNEL B CMD		
E41K#224BL	ME-# CONTROLLER RESET CMD		
E41K#225BL	ME-# OPEN MFV CMD		

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E41K#226BL	ME-#	OPEN MOV CMD	
E41K#227BL	ME-#	OPEN CCV CMD	
E41K#228BL	ME-#	OPEN FPOV CMD	
E41K#229BL	ME-#	OPEN OPOV CMD	
E41K#230BL	ME-#	OPEN FUEL SYSTEM PURGE VLV	
E41K#231BL	ME-#	OPN HPOP IMSL PRG VLV CMD	
E41K#232BL	ME-#	OPEN BLD VLV CMD	
E41K#233BL	ME-#	CLOSE EMSD VLV CMD	
E41K#234BL	ME-#	OPEN POGO PRCHG VLV CMD	
E41K#235BL	ME-#	DEACTV ALL VLVS (PROP&PNEU)	
E41K#236BL	ME-#	FUEL SYS PRG VLV C/O CMD	
E41K#237BL	ME-#	HPOT ISP VLV C/O CMD	
E41K#238BL	ME-#	BLEED VLV C/O CMD	
E41K#239BL	ME-#	EMSD C/O CMD	
E41K#240BL	ME-#	POGO PCHG C/O CMD	
E41K#241BL	ME-#	MFV C/O CMD	
E41K#242BL	ME-#	MOV C/O CMD	
E41K#243BL	ME-#	CCV C/O CMD	
E41K#244BL	ME-#	FPOV C/O CMD	
E41K#245BL	ME-#	OPOV C/O CMD	
E41K#246BL	ME-#	SENSOR CAL AND CHECKOUT CMD	
E41K#247BL	ME-#	SPARK IGNITER CHECKOUT CMD	
E41K#248BL	ME-#	CONTROLLER C/O CMD	
E41K#249BL	ME-#	ACTIVATE FRT SIM CMD	
E41K#250BL	ME-#	SIMULATE CHAN A FAILURE CMD	
E41K#251BL	ME-#	SIMULATE CHAN B FAILURE CMD	
E41K#252BL	ME-#	SIMULATE OUT OF LIMITS CMD	
E41K#253BL	ME-#	DEACTIVATE FRT SIM CMD	
E41K#254BL	ME-#	SWITCH VRC CMD	
E41K#255BL	ME-#	OPEN PB SHUTDOWN PRG VLV CMD	
E41K#257BL	ME-#	TEST INVALID CMD REJECT CMD	
E41K#258BL	ME-#	TEST INVALID BCH REJECT CMD	
E41K#263BL	ME-#	C/O PB SHUTDOWN PRG VLV CMD	
E41K#265BL	ME-#	65% RPL CMD	
E41K#300BL	ME-#	100% RPL CMD	
E41K#309BL	ME-#	109% RPL CMD	
E41K#310BL	ME-#	INHIBIT IGNITERS IN FRT-1 CMD	
E41K#315BL	ME-#	MEMORY READOUT CH A CMD	
E41K#316BL	ME-#	MEMORY READOUT CH B CMD	
E41K#317BL	ME-#	EXIT PROM CMD	
E41K#318BL	ME-#	STOP DCU A CMD	
E41K#319BL	ME-#	STOP DCU B CMD	
E41K#322BL	ME-#	ENTER GND C/O CONFIG CMD	
E41K#323BL	ME-#	ENTER FLT CONFIG CMD	
E41K#324BL	ME-#	ENTER FRT 1 CONFIG CMD	
E41K#325BL	ME-#	ENTER FRT 2 CONFIG CMD	
E41K#326BL	ME-#	RESTORE VRC CMD	
E41K#327BL	ME-#	SHTDN PNEU IN FRT CMD	
E41K#328BL	ME-#	HELLO B CMD	
E41K#329BL	ME-#	HELLO A CMD	
E41K#330BL	ME-#	PROM SUM CHECK B CMD	
E41K#331BL	ME-#	PROM SUM CHECK A CMD	
E41K#332BL	ME-#	IO READOUT B-LOW HALF CMD	
E41K#333BL	ME-#	IO READOUT A-LOW HALF CMD	
E41K#334BL	ME-#	IO READOUT B-HIGH HALF CMD	
E41K#335BL	ME-#	IO READOUT A-HIGH HALF CMD	
E41K#336BL	ME-#	IO READOUT B INPUT SPACE CMD	
E41K#337BL	ME-#	IO READOUT A INPUT SPACE CMD	
E41K#338BL	ME-#	FDR ENABLE B CMD	
E41K#339BL	ME-#	FDR ENABLE A CMD	
E41K#340BL	ME-#	FDR CROSS-CH READOUT B CMD	
E41K#341BL	ME-#	FDR CROSS-CH READOUT A CMD	
E41K#342BL	ME-#	RAM WRITE-READ TEST B CMD	
E41K#343BL	ME-#	RAM WRITE-READ TEST A CMD	
E41K#344BL	ME-#	RAM SUM CHECK B CMD	
E41K#345BL	ME-#	RAM SUM CHECK A CMD	
E41K#346BL	ME-#	TERMINATE LOAD WORD 1 CMD	
E41K#347BL	ME-#	TERMINATE LOAD WORD 2 CMD	
E41K#348BL	ME-#	HYDRAULIC CONDITIONING CMD	
E41K#349BL	ME-#	MEMORY LOAD A AND B	
E41K0#96XL	MPS E-#	FASCOS/MEMORY BU PWR CMD A	
E41K0#97XL	MPS E-#	FASCOS/MEMORY BU PWR CMD B	
E41K0#98XL	MPS E-#	FASCOS/MEMORY BU PWR CMD C	
E41M#001P8	ME-#	IDENT WORD 1	DW 1
E41M#002P8	ME-#	IDENT WORD NO 2	DW 2
E41M#003P8	ME-#	ENGINE STATUS WORD	DW 3
E41M#005P8	ME-#	FAILURE IDENT WORD	DW 5
E41M#076D3	ME-#	VEHICLE COMMAND	DW 98

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E41M#077D3	ME-# VEHICLE COMMAND	DW 99	
E41M#078P3	ME-# HARD FAILURE TEST NO	DW100	
E41M#079P3	ME-# HARD FAILURE TEST NO	DW101	
E41M#080P3	ME-# HARD FAILURE TEST NO	DW102	
E41M#081D3	ME-# HARD FAILURE PRMTR VAL	DW103	
E41M#082D3	ME-# HARD FAILURE PRMTR VAL	DW104	
E41M#083D3	ME-# HARD FAILURE PRMTR VAL	DW105	
E41M#132P3	ME-# INPUT WORD 15	DW111	
E41M#133P3	ME-# INPUT WORD 16	DW112	
E41M#134P3	ME-# FAIL OP SV SW STATUS	DW113	
E41M#135P3	ME-# FAIL SF SV SW STATUS	DW114	
E41M#744P3	ME-# INPUT WORD 15 (PREV)	DW 22	147
E41M#745P8	ME-# F/O SV SW STAT (PREV)	DW 23	147
E41M#746P3	ME-# INPUT WORD 16 (PREV)	DW 29	147
E41M#747P8	ME-# F/S SV SW STATUS (PREV)	DW 30	147
E41M#754P3	ME-# INPUT WORD 7	DW 38	147
E41M#755P8	ME-# INPUT WORD 7 (PREV)	DW 39	147
E41M#781P3	ME-# STEP NUMBER (PREV)	DW 69	147
E41M#812P3	ME-# STEP NUMBER	DW 126	147
E41P#008B1	ME-# HPFT COOLANT PRESS CH A	DW 14	
E41P#008D3	ME-# HPFT COOLANT PRESS CH A	DW 14	
E41P#009B1	ME-# HPFT COOLANT PRESS CH B	DW 15	
E41P#009D3	ME-# HPFT COOLANT PRESS CH B	DW 15	
E41P#014B1	ME-# HPOT I-SEAL PGE P CH A	DW 20	
E41P#014D3	ME-# HPOT I-SEAL PGE P CH A	DW 20	
E41P#015B1	ME-# HPOT I-SEAL PGE P CH B	DW 21	
E41P#015D3	ME-# HPOT I-SEAL PGE P CH B	DW 21	
E41P#016B1	ME-# MCC PRESSURE CH A	DW 22	
E41P#016D3	ME-# MCC PRESSURE CH A	DW 22	
E41P#017B1	ME-# MCC PRESSURE CH B	DW 23	
E41P#017D3	ME-# MCC PRESSURE CH B	DW 23	
E41P#018B1	ME-# LPFT DISCH PRESS (AVG)	DW 9	
E41P#018D3	ME-# LPFT DISCH PRESS (AVG)	DW 9	
E41P#023B1	ME-# MCC PRESSURE (AVG)	DW 6	
E41P#023D3	ME-# MCC PRESSURE (AVG)	DW 6	
E41P#029D3	ME-# HPFT DISCHARGE PRESS	DW 29	
E41P#030D3	ME-# HPOT DISCHARGE PRESS	DW 30	
E41P#031B1	ME-# FUEL PREBNR CHMBR PRESS	DW 31	
E41P#031D3	ME-# FUEL PREBNR CHMBR PRESS	DW 31	
E41P#033D3	ME-# HPOT BST STG DISCH P	DW 33	
E41P#035D3	ME-# MCC PRESSURE A2	DW 35	
E41P#036D3	ME-# MCC PRESSURE A1	DW 36	
E41P#039D3	ME-# MCC PRESS (AVG-PREV)	DW 39	
E41P#045D3	ME-# HPFT DIS PRESS (PREV)	DW 45	
E41P#046D3	ME-# HPOT DISCH PRESS (PREV)	DW 46	
E41P#047D3	ME-# FL PRBNR CHMBR PR (PREV)	DW47	
E41P#048D3	ME-# HYD SYS PR CHB (PREV)	DW 48	
E41P#049D3	ME-# HPOT BST STG DIS P (PREV)	DW49	
E41P#051B1	ME-# HPOT SEC SEAL CAV P CHA	DW 12	
E41P#051D3	ME-# HPOT SEC SEAL CAV P CHA	DW 12	
E41P#052D3	ME-# MCC PRESSURE B1	DW 52	
E41P#053D3	ME-# HPOT SEC SEAL CAV P CH B	DW13	
E41P#053D3	ME-# HPOT SEC SEAL CAV P CH B	DW13	
E41P#054B1	ME-# HYDRAULIC SYS PRESS CH B	DW32	
E41P#054D3	ME-# HYDRAULIC SYS PRESS CH B	DW32	
E41P#055D3	ME-# POGO PRECHG PRESS CH A	DW 57	
E41P#056D3	ME-# POGO PRECHG PRESS CH B	DW 58	
E41P#057D3	ME-# FUEL SYS PGE PRESS CH A	DW 53	
E41P#058D3	ME-# FUEL SYS PGE PRESS CH B	DW 54	
E41P#059D3	ME-# OXID PREBNR PGE PRESS	DW 75	
E41P#064D3	ME-# LPOT DISCH PRESS CH A	DW 70	
E41P#065D3	ME-# LPOT DISCH PRESS CH B	DW 71	
E41P#066D3	ME-# MCC FUEL INJECTOR PRESS	DW 77	
E41P#067D3	ME-# MCC COOLANT PRESSURE	DW 78	
E41P#068D3	ME-# OX TK PRESSURANT PRESS	DW 76	
E41P#069D3	ME-# CONTROLLER INTL PRESS	DW 79	
E41P#092D3	ME-# LPFP DISCH PRESS CH A	DW 92	
E41P#094D3	ME-# PC REFERENCED	DW 94	
E41P#106D3	ME-# FUEL PREBURN PGE PRESS	DW 74	
E41P#107D3	ME-# EMERG SHT DN PRESS CH A	DW 72	
E41P#108D3	ME-# EMERG SHT DN PRESS CH B	DW 73	
E41P#124D3	ME-# MCC PRESSURE B2	DW 51	
E41P#127D3	ME-# LPFP DISCH PRESS CH B	DW127	
E41Q#100D3	ME-# CALC C2 VALUE	DW115	
E41Q#101D3	ME-# CALCULATED KF VALUE	DW116	
E41R#006D3	ME-# HPFT SHAFT SPEED CH A	DW 96	
E41R#007D3	ME-# HPFT SHAFT SPEED CH B	DW 97	
E41R#021B1	ME-# FUEL FLOWRATE (AVG)	DW 7	

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E41R#021D3	ME-# FUEL FLOWRATE (AVG)	DW 7
E41R#022D3	ME-# OXIDIZER FLOWRATE (CALC)	DW 8
E41R#034D3	ME-# FUEL FLOWRATE CH A	DW 34
E41R#037D3	ME-# FUEL FLOWRATE (AVG-PREV)	DW 37
E41R#050D3	ME-# FUEL FLOWRATE CHA (PREV)	DW 50
E41R#072D3	ME-# LPFT SHAFT SPEED	DW 82
E41R#073D3	ME-# LPOT SHAFT SPEED	DW 83
E41R#089D3	ME-# FUEL FLOWRATE CH B1	DW 89
E41R#102D3	ME-# FUEL FLOWRATE CH A2	DW124
E41R#103D3	ME-# FUEL FLOWRATE CH B2	DW125
E41S0#92E1	MPS-E# AC POWER NO 1 ON CMD	
E41S0#93E1	MPS-E# AC POWER NO 2 ON CMD	
E41T#010B1	ME-# HPFTT DISCH TEMP CH A	DW 16
E41T#010D3	ME-# HPFTT DISCH TEMP CH A	DW 16
E41T#011B1	ME-# HPFTT DISCH TEMP CH B	DW 17
E41T#011D3	ME-# HPFTT DISCH TEMP CH B	DW 17
E41T#012B1	ME-# HPOTT DISCH TEMP CH A	DW 18
E41T#012D3	ME-# HPOTT DISCH TEMP CH A	DW 18
E41T#013B1	ME-# HPOTT DISCH TEMP CH B	DW 19
E41T#013D3	ME-# HPOTT DISCH TEMP CH B	DW 19
E41T#019B1	ME-# LPFT DISCH TEMP (AVG)	DW 10
E41T#019D3	ME-# LPFT DISCH TEMP (AVG)	DW 10
E41T#020B1	ME-# PBP DISCH TEMP CH A	DW 11
E41T#020D3	ME-# PBP DISCH TEMP CH A	DW 11
E41T#070D3	ME-# MCC COOLANT TEMP	DW 81
E41T#071D3	ME-# CONTROLLER IE TEMP	DW 80
E41T#093D3	ME-# LPFP DISCH TEMP CH A	DW 93
E41T#109D3	ME-# MOV HYD TEMP CH A	DW 59
E41T#110D3	ME-# MOV HYD TEMP CH B	DW 60
E41T#111D3	ME-# MFV HYD TEMP CH A	DW 61
E41T#112D3	ME-# MFV HYD TEMP CH B	DW 62
E41T#120D3	ME-# MCC LOX DOME TEMP	DW120
E41T#125D3	ME-# PBP DISCH TEMP CH B	DW 55
E41T#128D3	ME-# LPFP DISCH TEMP CH B	DW128
E41T#150A1	ME-# CONTROLLER PS TEMPERATURE	
E41T#151A1	ME-# OPOV LOX SUPPLY LINE TEMP #1	
E41T#152A1	ME-# OPOV LOX SUPPLY LINE TEMP #2	
E41T#153A1	ME-# MFV DOWNSTREAM TEMP #1	
E41T#154A1	ME-# MFV DOWNSTREAM TEMP #2	
E41T#155A1	ME-# AFV DOWNSTREAM TEMP #1	
E41T#156A1	ME-# AFV DOWNSTREAM TEMP #2	
E41U#095D3	ME-# MIXTURE RATIO	DW 95
E41V#074D3	ME-# CONTROLLER BUS NO1 V	DW 66
E41V#075D3	ME-# CONTROLLER BUS NO2 V	DW 67
E41V#815D3	ME-# 5.6 VDC MEM/PROC A	DW118
E41V#816D3	ME-# 5.6 VDC MEM/PROC B	DW119
E41W#004B1	ME-# TIME REFERENCE	DW 4
E41W#004D3	ME-# TIME REFERENCE	DW 4
E41X#401D3	ME-# BLEED VLV A ENBL	DW111
E41X#402D3	ME-# FUEL SYS PRG A ENBL	DW111
E41X#403D3	ME-# POGO PRECHG A ENBL	DW111
E41X#404D3	ME-# PRBNR S/D PRG A ENBL	DW111
E41X#405D3	ME-# EMERG S/D A ENBL	DW111
E41X#406D3	ME-# HPOP IMSL PRG A ENB	DW111
E41X#407D3	ME-# GR 1A (SNSR CHECKOUT)	DW111
E41X#408D3	ME-# GR 2A (PROP DROP)	DW111
E41X#409D3	ME-# PWR OFF TIME B	DW111
E41X#410D3	ME-# OE A PULL/HOLD VOLT	DW111
E41X#411D3	ME-# PRC OVFL TEST CH A	DW111
E41X#412D3	ME-# OE A PWR SAFETY ON	DW111
E41X#413D3	ME-# BLEED VLV B ENBL	DW112
E41X#414D3	ME-# FUEL SYS PRG B ENBL	DW112
E41X#415D3	ME-# POGO PRECHG B ENBL	DW112
E41X#416D3	ME-# PRBNR S/D PRG B ENB	DW112
E41X#417D3	ME-# EMERG S/D B ENBL	DW112
E41X#418D3	ME-# HPOP IMSL PRG B ENB	DW112
E41X#419D3	ME-# GR 1B (SNSR CHECKOUT)	DW112
E41X#420D3	ME-# GR 2B (PROP DROP)	DW112
E41X#421D3	ME-# PWR OFF TIME A	DW112
E41X#422D3	ME-# OE B PULL/HOLD VOLT	DW112
E41X#423D3	ME-# PRC OVRFL TEST B	DW112
E41X#424D3	ME-# FPB IGN CH B	DW112
E41X#425D3	ME-# OPB IGN CH B	DW112
E41X#426D3	ME-# MCC IGN CH B	DW112
E41X#427D3	ME-# OE B PWR SAFETY ON	DW112
E41X#428D3	ME-# OPOV F/O ENBL	DW113
E41X#429D3	ME-# FPOV F/O ENBL	DW113
E41X#430D3	ME-# MOV F/O ENBL	DW113

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E41X#431D3	ME-# MFV F/O ENBL	DW113	
E41X#432D3	ME-# CCV F/O ENBL	DW113	
E41X#433D3	ME-# OE A 2KHZ EXC ON	DW113	
E41X#434D3	ME-# OE B 2KHZ EXC ON	DW113	
E41X#435D3	ME-# HALT EXIT A	DW113	
E41X#436D3	ME-# HALT EXIT B	DW113	
E41X#437D3	ME-# FDR A INHIBITED	DW113	
E41X#438D3	ME-# FDR B INHIBITED	DW113	
E41X#439D3	ME-# OPOV F/S A ENBL	DW114	
E41X#440D3	ME-# FPOV F/S A ENBL	DW114	
E41X#441D3	ME-# MOV F/S A ENBL	DW114	
E41X#442D3	ME-# MFV F/S A ENBL	DW114	
E41X#443D3	ME-# CCV F/S A ENBL	DW114	
E41X#444D3	ME-# OPOV F/S B ENBL	DW114	
E41X#445D3	ME-# FPOV F/S B ENBL	DW114	
E41X#446D3	ME-# MOV F/S B ENBL	DW114	
E41X#447D3	ME-# MFV F/S B ENBL	DW114	
E41X#448D3	ME-# CCV F/S B ENBL	DW114	
E41X#449D3	ME-# OPOV-A SEII	DW 38	147
E41X#450D3	ME-# FPOV-A SEII	DW 38	147
E41X#451D3	ME-# MOV-A SEII	DW 38	147
E41X#452D3	ME-# MFV-A SEII	DW 38	147
E41X#453D3	ME-# CCV-A SEII	DW 38	147
E41X#454D3	ME-# OPOV-B SEII	DW 38	147
E41X#455D3	ME-# FPOV-B SEII	DW 38	147
E41X#456D3	ME-# MOV-B SEII	DW 38	147
E41X#457D3	ME-# MFV-B SEII	DW 38	147
E41X#458D3	ME-# CCV-B SEII	DW 38	147
E41X#502B1	ME-# VDT SOURCE IS CHANNEL B	DW 1	
E41X#502D3	ME-# VDT SOURCE IS CHANNEL B	DW 1	
E41X#505B1	ME-# VDT SOURCE IS CHANNEL A	DW 2	
E41X#505D3	ME-# VDT SOURCE IS CHANNEL A	DW 2	
E41X#507B1	ME-# MEMORY LOAD MODE ENBLED	DW 3	
E41X#507D3	ME-# MEMORY LOAD MODE ENBLED	DW 3	
E41X#510B1	ME-# FRT IN CONTROL	DW 3	
E41X#510D3	ME-# FRT IN CONTROL	DW 3	
E41X#511B1	ME-# LIMIT CONTROL ENBLED	DW 3	
E41X#511D3	ME-# LIMIT CONTROL ENBLED	DW 3	
E41X#556D3	ME-# FPB IGN CH A	DW111	
E41X#557D3	ME-# OPB IGN CH A	DW111	
E41X#558D3	ME-# MCC IGN CH A	DW111	
E41X#701D3	ME-# CH DETERMINATION CHAN A	DW 89	147
E41X#901D3	ME-# BLEED VLV A ENBL (PREV)	DW 22	147
E41X#902D3	ME-# FUEL SYS PRG A ENBL (PREV)	DW22	147
E41X#903D3	ME-# POGO PRECHG A ENBL (PREV)	DW22	147
E41X#904D3	ME-# PRBNR S/D PRG A ENBL (PRV)	DW22	147
E41X#905D3	ME-# EMERG S/D A ENBL (PREV)	DW 22	147
E41X#906D3	ME-# HPOP IMSL PRG A ENBL (PRV)	DW22	147
E41X#907D3	ME-# GR 1A (SNSR CHKOUT) (PREV)	DW22	147
E41X#908D3	ME-# GR 2A (PROP DROP) (PREV)	DW 22	147
E41X#909D3	ME-# PWR OFF TIME B (PREV)	DW22	147
E41X#910D3	ME-# OE A PULL/HOLD VOLT (PRV)	DW 22	147
E41X#911D3	ME-# PRC OVFL TEST A (PRV)	DW22	147
E41X#912D3	ME-# OE A PWR SAFETY ON (PRV)	DW 22	147
E41X#913D3	ME-# BLEED VLV B ENBL (PREV)	DW 29	147
E41X#914D3	ME-# FUELSYS PRG B ENBL (PREV)	DW 29	147
E41X#915D3	ME-# POGOPRECHG B ENBL (PREV)	DW 29	147
E41X#916D3	ME-# PRBNR S/D PRG B ENBL (PRV)	DW29	147
E41X#917D3	ME-# EMERG S/D B ENBL (PREV)	DW 29	147
E41X#918D3	ME-# HPOP IMSL PRG B ENBL (PRV)	DW29	147
E41X#919D3	ME-# GR 1B (SNSR CHKOUT) (PREV)	DW 29	147
E41X#920D3	ME-# GR 2B (PROP DROP) (PREV)	DW 29	147
E41X#921D3	ME-# PWR OFF TIME A (PREV)	DW 29	147
E41X#922D3	ME-# OE B PULL/HOLD VOLT (PRV)	DW29	147
E41X#923D3	ME-# PRC OVFL TEST B (PREV)	DW 29	147
E41X#924D3	ME-# FPB IGN CH B (PREV)	DW 29	147
E41X#925D3	ME-# OPB IGN CH B (PREV)	DW 29	147
E41X#926D3	ME-# MCC IGN CH B (PREV)	DW 29	147
E41X#927D3	ME-# OE B PWR SAFETY ON (PRV)	DW 29	147
E41X#928D3	ME-# OPOV F/O ENBL (PREV)	DW 23	147
E41X#929D3	ME-# FPOV F/O ENBL (PREV)	DW 23	147
E41X#930D3	ME-# MOV F/O ENBL (PREV)	DW 23	147
E41X#931D3	ME-# MFV F/O ENBL (PREV)	DW 23	147
E41X#932D3	ME-# CCV F/O ENBL (PREV)	DW 23	147
E41X#933D3	ME-# OE A 2KHZ EXC ON (PREV)	DW 23	147
E41X#934D3	ME-# OE B 2KHZ EXC ON (PREV)	DW 23	147
E41X#935D3	ME-# HALT EXIT A (PREV)	DW 23	147
E41X#936D3	ME-# HALT EXIT B (PREV)	DW 23	147

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E41X#937D3	ME-# FDR A INHIBITED (PREV)	DW 23 147
E41X#938D3	ME-# FDR B INHIBITED (PREV)	DW 23 147
E41X#939D3	ME-# OPOV F/S A ENBL (PREV)	DW 30 147
E41X#940D3	ME-# FPOV F/S A ENBL (PREV)	DW 30 147
E41X#941D3	ME-# MOV F/S A ENBL (PREV)	DW 30 147
E41X#942D3	ME-# MFV F/S A ENBL (PREV)	DW 30 147
E41X#943D3	ME-# CCV F/S A ENBL (PREV)	DW 30 147
E41X#944D3	ME-# OPOV F/S B ENBL (PREV)	DW 30 147
E41X#945D3	ME-# FPOV F/S B ENBL (PREV)	DW 30 147
E41X#946D3	ME-# MOV F/S B ENBL (PREV)	DW 30 147
E41X#947D3	ME-# MFV F/S B ENBL (PREV)	DW 30 147
E41X#948D3	ME-# CCV F/S B ENBL (PREV)	DW 30 147
E41X#949D3	ME-# OPOV-A SEII (PREV)	DW 39 147
E41X#950D3	ME-# FPOV-A SEII (PREV)	DW 39 147
E41X#951D3	ME-# MOV-A SEII (PREV)	DW 39 147
E41X#952D3	ME-# MFV-A SEII (PREV)	DW 39 147
E41X#953D3	ME-# CCV-A SEII (PREV)	DW 39 147
E41X#954D3	ME-# OPOV-B SEII (PREV)	DW 39 147
E41X#955D3	ME-# FPOV-B SEII (PREV)	DW 39 147
E41X#956D3	ME-# MOV-B SEII (PREV)	DW 39 147
E41X#957D3	ME-# MFV-B SEII (PREV)	DW 39 147
E41X#958D3	ME-# CCV-B SEII (PREV)	DW 39 147
E41X#960D3	ME-# FPB IGN CH A (PREV)	DW 22 147
E41X#961D3	ME-# OPB IGN CH A (PREV)	DW 22 147
E41X#962D3	ME-# MCC IGN CH A (PREV)	DW 22 147
EIU1	ENGINE INTERFACE UNIT 1	
EIU2	ENGINE INTERFACE UNIT 2	
EIU3	ENGINE INTERFACE UNIT 3	
G76V2189A	GROUND POWER MAIN BUS A,VOLTS	
G76V2289A	GROUND POWER MAIN BUS B,VOLTS	
G76V2389A	GROUND POWER MAIN BUS C,VOLTS	
GECP0160A	ORB AFT INTERFACE PRESS IND	
GECP0660A	ORB AFT INTERFACE PRESS IND	
GECP2300A	ORB AFT INTERFACE PRESS IND	
GECP5A07A	ORB AFT I/F PRESS IND	
GECT0120A	ORB AFT INTERFACE TEMP IND	
GECT0630A	ORB AFT I/F TEMP PROBE #1 IND	
GECT4310A	ORB AFT INTERFACE TEMP MONITOR IND	
GECT8A97A	ORB AFT I/F TEMP MON. IND	
GGNP1034A	MPENG GN2 PRG OUT PRESS	
GGNP1139A	MPENG GN2 PRG OUT PRESS (R)	
GGNX1003E	MP ENG GN2 SCR #1 ON IND	
GGNX1103E	MP ENG GN2 SCR #2 ON IND	
GLHX0003E	LH2 SYSTEM HARDWIRE SAFING IND	
GLHX0003E	LH2 SYSTEM HARDWIRE SAFING IND	
GLOX0003E	SYSTEM HARDWIRE SAFE ACTIVATED	
GLOX0003E	SYSTEM HARDWIRE SAFE ACTIVATED	
GMT	GREENWICH MEAN TIME	
H76C1540H	AC BUS 1 0A,AMPS	
H76C1541H	AC BUS 1 0B,AMPS	
H76C1542H	AC BUS 1 0C,AMPS	
H76C1640H	AC BUS 2 0A,AMPS	
H76C1641H	AC BUS 2 0B,AMPS	
H76C1642H	AC BUS 2 0C,AMPS	
H76C1740H	AC BUS 3 0A,AMPS	
H76C1741H	AC BUS 3 0B,AMPS	
H76C1742H	AC BUS 3 0C,AMPS	
H76C3075H	MAIN BUS A-FWD,AMPS	
H76C3076H	MAIN BUS B-FWD,AMPS	
H76C3077H	MAIN BUS C-FWD,AMPS	
H76C3085H	MAIN BUS A-MID,AMPS	
H76C3086H	MAIN BUS B-MID,AMPS	
H76C3087H	MAIN BUS C-MID,AMPS	
H76C3095H	MAIN BUS A-AFT,AMPS	
H76C3096H	MAIN BUS B-AFT,AMPS	
H76C3097H	MAIN BUS C-AFT,AMPS	
H76V0100H	MAIN BUS A-VOLTS,HARD WIRE	
H76V0200H	MAIN BUS B-VOLTS,HARD WIRE	
H76V0300H	MAIN BUS C-VOLTS,HARD WIRE	
H76V1500H	AC BUS 1 0A,VOLTS	
H76V1501H	AC BUS 1 0B,VOLTS	
H76V1502H	AC BUS 1 0C,VOLTS	
H76V1600H	AC BUS 2 0A,VOLTS	
H76V1601H	AC BUS 2 0B,VOLTS	
H76V1602H	AC BUS 2 0C,VOLTS	
H76V1700H	AC BUS 3 0A,VOLTS	
H76V1701H	AC BUS 3 0B,VOLTS	
H76V1702H	AC BUS 3 0C,VOLTS	

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NOMENCLATURE

FORMAT

JTOY	JULIAN TIME OF YEAR
N006DPSR	DPS CON 1 TO CON 4 REMCON
N007DPSR	DPS CON 1 TO CON 5 REMCON
N008DPSR	DPS CON 1 TO CON 6 REMCON
N03IS010E	LOX REPL TERMINATION IN PROGRESS
N03IS010E	LOX REPL TERMINATION IN PROGRESS
N03IS078E	ORBITER AT OPF
N03IS079E	ORBITER AT VAB
N03IS080E	ORBITER AT PAD
N03IS162D	GLS EVENT COMPLETED
N03IS284D	MILESTONE
N03IS499D	RSYS CHANGE GRP. OWNER 91 AND 92
N03IS500D	RSYS CHANGE GRP. OWNER 93 AND 94
N41H1720A	PERCENT WET LH2 100.3 LIQ SENS
N41H1770A	ET-LO2 PERCENT FULL CALCULATION
N72IV013D	PRIME GPC INDICATOR
N72IV014D	GPC 1 MEMORY CONFIG
N72IV015D	GPC 2 MEMORY CONFIG
N72IV016D	GPC 3 MEMORY CONFIG
N72IV017D	GPC 4 MEMORY CONFIG
N72IV018D	GPC 5 MEMORY CONFIG
N72IV019D	GPC 1 OPS
N72IV020D	GPC 2 OPS
N72IV021D	GPC 3 OPS
N72IV022D	GPC 4 OPS
N72IV023D	GPC 5 OPS
N72IV024D	GPC 1 MAJOR FUNCTION
N72IV025D	GPC 2 MAJOR FUNCTION
N72IV026D	GPC 3 MAJOR FUNCTION
N72IV027D	GPC 4 MAJOR FUNCTION
N72IV028D	GPC 5 MAJOR FUNCTION
N72IV029D	LDB1 CONTROL GPC
N72IV030D	LDB2 CONTROL GPC
N72IV037D	DOWNLIST X SOURCE (GPC#)
N72IV048E	SSME-1C LAST COMMAND ACCEPTED
N72IV049E	SSME-2L LAST COMMAND ACCEPTED
N72IV050E	SSME-3R LAST COMMAND ACCEPTED
N72IV053E	LDB1 POLLING
N72IV054E	LDB2 POLLING
N72IV057D	OCF STATUS
N72IV058D	GPC/MMU ADDRESS OR PATCH ID
N72IV059D	C-TO-C EVENT CONTROL BLOCK
N72IV060D	GPC STATUS WORD
N72IV061D	NUMBER OF MISCOMPARES
N72IV080E	SSMEC/ STATIONKEEPING
N72IV094D	SSME BLEED VALVE OPEN
N72IV098D	MDM FAILURE BYPASS
N72IV100D	DEU 1 ASSIGNMENT PSEUDO
N72IV101D	DEU 2 ASSIGNMENT PSEUDO
N72IV102D	DEU 3 ASSIGNMENT PSEUDO
N72IV103D	DEU 4 ASSIGNMENT PSEUDO
N72IV116E	EC-1 AC POWER ON ERRED
N72IV117E	EC-1 AC POWER OFF ERRED
N72IV118E	EC-2 AC POWER ON ERRED
N72IV119E	EC-2 AC POWER OFF ERRED
N72IV120E	EC-3 AC POWER ON ERRED
N72IV121E	EC-3 AC POWER OFF ERRED
N72IV123E	EC COOLING DATA PATH FAILURE ERRED
N72IV124E	EC COOLING FAILURE ERRED
N72IV134E	EC-1 NON ZERO FID ERRED
N72IV135E	EC-2 NON ZERO FID ERRED
N72IV136E	EC-3 NON ZERO FID ERRED
N72IV139D	OPS CONC 2 SYS MGR MSG
N72IV141E	EIU 1 POWER STATUS CHANGE ERRED
N72IV142E	EIU 2 POWER STATUS CHANGE ERRED
N72IV143E	EIU 3 POWER STATUS CHANGE ERRED
N72IV145E	ME 1 PWR UP/DWN SEQUENCE EEP
N72IV146E	ME 2 PWR UP/DWN SEQUENCE EEP
N72IV147E	ME 3 PWR UP/DWN SEQUENCE EEP
N72IV148E	ME 1 CHECKOUT EEP
N72IV149E	ME 2 CHECKOUT EEP
N72IV150E	ME 3 CHECKOUT EEP
N72IV172E	EIU-1 OI BITE BIT 5 ERRED
N72IV173E	EIU-1 OI BITE BIT 6 ERRED
N72IV174E	EIU-1 OI BITE BIT 7 ERRED
N72IV175E	EIU-1 OI BITE BIT 8 ERRED
N72IV176E	EIU-1 OI BITE BIT 9 ERRED
N72IV177E	EIU-2 OI BITE BIT 5 ERRED

FD

NOMENCLATURE

FORMAT

N72IV178E	EIU-2 OI BITE BIT 6 ERRED	
N72IV179E	EIU-2 OI BITE BIT 7 ERRED	
N72IV180E	EIU-2 OI BITE BIT 8 ERRED	
N72IV181E	EIU 2 OI BITE BIT 9 ERRED	
N72IV182E	EIU-3 OI BITE BIT 5 ERRED	
N72IV183E	EIU-3 OI BITE BIT 6 ERRED	
N72IV184E	EIU-3 OI BITE BIT 7 ERRED	
N72IV185E	EIU-3 OI BITE BIT 8 ERRED	
N72IV186E	EIU-3 OI BITE BIT 9 ERRED	
N72IV190E	SRB POLLING INTERRUPTION ERRED	
N72IV191E	OPERATOR ACTION DISCRETE/OPS CONC3	
N72IV192E	OPERATOR ACTION DISCRETE/OPS CONC4	
N72IV193E	OPERATOR ACTION DISCRETE/OPS CONC5	
N72IV195E	RSYS GROUP 30 BUSY	
N72IV196E	RSYS GROUP 31 BUSY	
N72IV197E	RSYS GROUP 32 BUSY	
N72IV198E	EC-1 PSE TEMP OUT OF LIMIT ERRED	
N72IV199E	EC-2 PSE TEMP OUT OF LIMIT ERRED	
N72IV200E	EC-3 PSE TEMP OUT OF LIMIT ERRED	
N72IV201E	EC-1 IE TEMP OUT OF LIMIT ERRED	
N72IV202E	EC-2 IE TEMP OUT OF LIMIT ERRED	
N72IV203E	EC-3 IE TEMP OUT OF LIMIT ERRED	
N72IV204E	ME-1 DATA PATH FAILURE ERRED	
N72IV205E	ME-2 DATA PATH FAILURE ERRED	
N72IV206E	ME-3 DATA PATH FAILURE ERRED	
N72IV207E	EIU-1 OI BITE ERRED	
N72IV208E	EIU-2 OI BITE ERRED	
N72IV209E	EIU-3 OI BITE ERRED	
N72IV220E	EIU-1 OI BITE BIT 12 ERRED	
N72IV221E	EIU-2 OI BITE BIT 12 ERRED	
N72IV222E	EIU-3 OI BITE BIT 12 ERRED	
N72IV226E	OPS MODE RECALL EEP	
N72IV227E	I/O RESET EEP	
NLHK0009X	RECOVER FROM REVERT	
NLHK0010X	STOP FLOW	
NLHK0012X	AUTO FILL	
NLHK0013X	REPLENISH	
NLHK0015X	AUTO DRAIN	
NLHK0017X	PRE CHILLDOWN OPERATION COMPLETE	
NLHK0019X	RECOVER FROM STOP FLOW	
NLHK0029X	LIFTOFF PSEUDO	
NLHK0029X	LIFTOFF PSEUDO	
NLHK0030X	CHILLDOWN COMPLETE	
NLHK0031X	SLO FILL TO 2% COMPLETE	
NLHK0032X	FAST FILL TO 98% COMPLETE	
NLHK9998X	REVERT REQUEST	
NLOK0105X	START DRAIN	
NLOK0200X	TERMINAL COUNT SAFING FLAG	
NLOK0200X	TERMINAL COUNT SAFING FLAG	
NLOK0401X	XFER LINE VEH CHILLDOWN COMPLETE	
NLOK0403X	ORBITER CHILLDOWN COMPLETE	
NLOK0404X	SLOW FILL COMPLETE	
NLOK0405X	FAST FILL COMPLETE	
NLOK0406X	RETURN FROM STOP FLOW	
NLOK0407X	RETURN FROM REVERT	
NLOK0408X	LOX LOAD PRELIM COMPLETE	
NLOK0502X	AUTO FILL	SSL02
NLOK0503X	AUTO REPLENISH	SEQ SSL03
NLOK0505X	AUTO DRAIN	SEQ SSL05
NLOK0506X	STOP FLOW/REVERT	SSL06
NLOK9998X	REVERT REQUEST	
NME#INTRPT	ME-# INTERRUPT PSEUDO	
NME#OIBSR	ME-# OI BSR PSEUDO	
NME1VALCK	MAIN ENGINE #1 PCM VALIDITY	
NME2VALCK	MAIN ENGINE #2 PCM VALIDITY	
NME3VALCK	MAIN ENGINE #3 PCM VALIDITY	
NMEPTCHBUF	ME PATCH BUFFER	
NORBTAILNO	ORBITER TAIL NUMBER	
NSSMECBLK	SSME CONTROLLER BLOCK INSTALLED	
NSSMEFLT	SSME FLIGHT MONITOR ACTIVE	
NSSMELOAD	SSME LOAD IN PROGRESS INDICATOR	
NTBISKPADA	TCID BUILD IN SUPPORT FOR KPADA	
NTBISKPADB	TCID BUILD IN SUPPORT FOR KPADA B	
SC3GO	OPERATIONS CONSOLE #3 GO MODE	
SC4GO	OPERATIONS CONSOLE #4 GO MODE	
SGPCADATAV	GPC FEP ACTIVE DATA VALID	
SGPCAREA1	GPC FEP AREA 1 STATUS	
SGPCAREA2	GPC FEP AREA 2 STATUS	

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NOMENCLATURE

FORMAT

SGPCFIDA1	GPC FEP AREA 1 FORMAT ID
SGPCFIDA2	GPC FEP AREA 2 FORMAT ID
SGS1ADATAV	GSE FEP #1 ACTIVE DATA VALID
SGS4DATAV	GSE FEP #4 DATA VALID
SGS5DATAV	GSE FEP #5 DATA VALID
SH010SH161	HIM 10 OR 161 STATUS
SH064SH072	HIM 64 OR 72 STATUS
SH070SH102	HIM 70 OR 102 STATUS
SLDBADATAV	LDB FEP ACTIVE DATA VALID
SLDBASTAT	LDB FEP ACTIVE STATUS
SME1DATAV	MAIN ENGINE FEP #1 DATA VALID
SME1STAT	MAIN ENGINE FEP #1 STATUS
SME2DATAV	MAIN ENGINE FEP #2 DATA VALID
SME2STAT	MAIN ENGINE FEP #2 STATUS
SME3DATAV	MAIN ENGINE FEP #3 DATA VALID
SME3STAT	MAIN ENGINE FEP #3 STATUS
SOIADATAV	128 OI FEP ACTIVE DATA VALID
SOIASTAT	128 OI FEP ACTIVE STATUS
SOIFID	OI FEP FORMAT ID
T41X1712E1	ET-LH2 5 PCT LIQUID LVL SNSR
T41X1715E1	ET-LH2 98 PCT LIQUID LVL SNSR NO 1
T41X1716E1	ET-LH2 98 PCT LIQUID LVL SNSR NO 2
T41X1717E1	ET-LH2 100% - LLS XT1048.6
T41X1718E1	ET-LH2 100% LLS NO 1 XT1044.6
T41X1730X1	ET-LH2 LOW LEVEL LIQ SENSOR NO1
T41X1731X1	ET-LH2 LOW LEVEL LIQ SENSOR NO2
T41X1732X1	ET-LH2 LOW LEVEL LIQ SENSOR NO3
T41X1733X1	ET-LH2 LOW LEVEL LIQ SENSOR NO4
V41P1#00C1	MPS E# LH2 INLET PRESSURE
V41P1#30C1	MPS E# LO2 INLET PRESSURE
V41P1#53A1	MPS E# REG B HE OUTLET PRESS
V41P1#54A1	MPS E# REG A HE OUTLET PRESS
V41P1#60A1	MPS E# GH2 PRESS OUTLET PRESS
V41R1#15A1	MPS E# LH2 RECIRC PUMP (PP#) SPEED
V41T1#71A1	MPS E# GO2 PRESS OUTLET TEMP
V41T1428A1	MPS LH2 17IN FEED MANF DISC TEMP
V41T1528A1	MPS LO2 17IN FEED MANF DISC TEMP A
V41X1#04E1	MPS ME# LH2 PREVLV (PV4) OP IND A
V41X1#05X1	MPS ME-# LH2 PREVLV (PV4) CL IND
V41X1#06X1	MPS ME-# LH2 PREVLV (PV4)OP IND B
V41X1#34X1	MPS E# LO2 PREVLV (PV1) OP IND
V41X1#35E1	MPS E# LO2 PREVLV (PV1) CL IND
V41X1#58E1	MPS E# HE ISO VLV A (LV1) OP PWR
V41X1#59E1	MPS E# HE ISO VLV B (LV2) OP PWR
V41X1410X1	MPS LH2 INBD F/D VLV (PV12) CL IND
V58P0115A1	HYDR SYS 1 SUPPLY PRESS B
V58P0215A1	HYDR SYS 2 SUPPLY PRESS B
V58P0315A1	HYDR SYS 3 SUPPLY PRESS B
V58P06#6A1	ME-# HYD ACCUM SYS RTN ACCUM PRESS
V58X1136E1	HYD SYS 1 ME/TVC ISLN V OP IND
V58X1136XL	HYD SYS 1 ME/TVC ISLN V OP IND
V58X1236E1	HYD SYS 2 ME/TVC ISLN V OP IND
V58X1236XL	HYD SYS 2 ME/TVC ISLN V OP IND
V58X1336E1	HYD SYS 3 ME/TVC ISLN V OP IND
V58X1336XL	HYD SYS 3 ME/TVC ISLN V OP IND
V72K0051X1	MPS ENG LIMIT CONTROL NO 1 ENABLE
V72K0052XL	MPS ENG LIMIT CONTROL NO 2 ENABLE
V72K0053XL	MPS ENG LIMIT CONTROL NO 3 ENABLE
V72K0061XL	MPS ENG LIMIT CONTROL NO 1 INHIBIT
V72K0062XL	MPS ENG LIMIT CONTROL NO 2 INHIBIT
V72K0063XL	MPS ENG LIMIT CONTROL NO 3 INHIBIT
V72K0071XL	MPS ENG LIMIT CONTROL NO 1 AUTO
V72K0072XL	MPS ENG LIMIT CONTROL NO 2 AUTO
V72K0073XL	MPS ENG LIMIT CONTROL NO 3 AUTO
V72K0081XL	MPS PRPLT DUMP SEQUENCE START A
V72K0082XL	MPS PRPLT DUMP SEQUENCE START B
V72K0083XL	MPS PRPLT DUMP SEQUENCE STOP A
V72K0084XL	MPS PRPLT DUMP SEQUENCE STOP B
V72K0085XL	MPS PRPLT DUMP BKUP LH2 VLV OPEN A
V72K0086XL	MPS PRPLT DUMP BKUP LH2 VLV OPEN B
V72K0087XL	MPS PRPLT DUMP BKUP LH2 VLV CL A
V72K0088XL	MPS PRPLT DUMP BKUP LH2 VLV CL B
V72K0091XL	MPS ME-1 SHUTDOWN CMD A
V72K0092XL	MPS ME-1 SHUTDOWN CMD B
V72K0093XL	MPS ME-2 SHUTDOWN CMD A
V72K0094XL	MPS ME-2 SHUTDOWN CMD B
V72K0095XL	MPS ME-3 SHUTDOWN CMD A
V72K0096XL	MPS ME-3 SHUTDOWN CMD B

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NOMENCLATURE

FORMAT

V72L7252B1 LH AMI MACH/VELOCITY
V72L7258B1 LH AMI VEHICLE ACCELERATION
V72M0600P3 EIU 1 BSR-OI
V72M0620P3 EIU 2 BSR-OI
V72M0640P3 EIU 3 BSR-OI
V72P0040CL MPS E1 MAIN CHMBR-PR/CMPT
V72P0041CL MPS E2 MAIN CHMBR-PR/CMPT
V72P0042CL MPS E3 MAIN CHMBR-PR/CMPT
V72S0097E1 EIU 1 RPC A ON/OFF
V72S0099E1 EIU 2 RPC B ON/OFF
V72S0102E1 EIU 3 RPC C ON/OFF
V72S7160E1 GPC NO 1 BUS A POWER ON CMD
V72S7166E1 GPC NO 2 BUS B POWER ON CMD
V72S7172E1 GPC NO 3 BUS C POWER ON CMD
V72S7175E1 GPC NO 4 BUS A POWER ON CMD
V72S7181E1 GPC NO 5 BUS B POWER ON CMD
V72U0614D3 EIU 1 ID WD 1 SYNC PATTERN A
V72U0616D3 EIU 1 SYNC PATTERN B WD 2
V72U0617D3 EIU 1 WORD COUNT WD 2
V72U0619D3 EIU 1 COLUMN PARITY WD
V72U0634D3 EIU 2 ID WD 1 SYNC PATTERN
V72U0636D3 EIU 2 SYNC PATTERN B WD 2
V72U0637D3 EIU 2 WORD COUNT WD 2
V72U0639D3 EIU 2 COLUMN PARITY WD
V72U0654D3 EIU 3 ID WD SYNC PATTERN A
V72U0656D3 EIU 3 SYNC PATTERN B WD 2
V72U0657D3 EIU 3 WORD COUNT WD 2
V72U0659D3 EIU 3 COLUMN PARITY WD
V72X0030XL MPS E1 STATUS/RED LITE ON
V72X0031XL MPS E2 STATUS/RED LITE ON
V72X0032XL MPS E3 STATUS/RED LITE ON
V72X0035XL MPS E1 STATUS/AMBER LITE ON
V72X0036XL MPS E2 STATUS/AMBER LITE ON
V72X0037XL MPS E3 STATUS/AMBER LITE ON
V72X0601D3 EIU 1 MIA 1 FAIL
V72X0602D3 EIU 1 MIA 2 FAIL
V72X0603D3 EIU 1 MIA 3 FAIL
V72X0604D3 EIU 1 MIA 4 FAIL
V72X0605D3 EIU 1 CIA 1 FAIL
V72X0606D3 EIU 1 CIA 2 FAIL
V72X0607D3 EIU 1 SEC PWR SUPPLY 1 FAIL
V72X0608D3 EIU 1 SEC PWR SUPPLY 2 FAIL
V72X0609D3 EIU 1 SEC PWR SUPPLY 1OR2 FAIL
V72X0610D3 EIU 1 S(SECONDARY) FAIL
V72X0611D3 EIU R(REPEAT) FAIL
V72X0612D3 EIU 1 OI BUFFER PARITY ERROR
V72X0613D3 EIU 1 OI CONTROL PARITY ERROR
V72X0621D3 EIU 2 MIA 1 FAIL
V72X0622D3 EIU 2 MIA 2 FAIL
V72X0623D3 EIU 2 MIA 3 FAIL
V72X0624D3 EIU 2 MIA 4 FAIL
V72X0625D3 EIU 2 CIA 1 FAIL
V72X0626D3 EIU 2 CIA 2 FAIL
V72X0627D3 EIU 2 SEC PWR SUPPLY 1 FAIL
V72X0628D3 EIU 2 SEC PWR SUPPLY 2 FAIL
V72X0629D3 EIU 2 SEC PWR SUPPLY 1OR2 FAIL
V72X0630D3 EIU 2 S(SECONDARY) FAIL
V72X0631D3 EIU 2 R (REPEAT) FAIL
V72X0632D3 EIU 2 OI BUFFER PARITY ERROR
V72X0633D3 EIU 2 OI CONTROL PARITY ERROR
V72X0641D3 EIU 3 MIA 1 FAIL
V72X0642D3 EIU 3 MIA 2 FAIL
V72X0643D3 EIU 3 MIA 3 FAIL
V72X0644D3 EIU 3 MIA 4 FAIL
V72X0645D3 EIU 3 CIA 1 FAIL
V72X0646D3 EIU 3 CIA 2 FAIL
V72X0647D3 EIU 3 SEC PWR SUPPLY 1 FAIL
V72X0648D3 EIU 3 SEC PWR SUPPLY 2 FAIL
V72X0649D3 EIU 3 SEC PWR SUPPLY 1OR2 FAIL
V72X0650D3 EIU 3 S(SECONDARY) FAIL
V72X0651D3 EIU 3 R(REPEAT) FAIL
V72X0652D3 EIU 3 OI BUFFER PARITY ERROR
V72X0653D3 EIU 3 OI CONTROL PARITY ERROR
V73S2001E1 DEU NO 1 POWER ON
V73S2011E1 DEU NO 2 POWER ON
V73S2021E1 DEU NO 3 POWER ON
V73S2051E1 DEU NO 4 POWER ON
V75S2157E1 AFT DED SIG COND POWER AB2-ON

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NOMENCLATURE

FORMAT

V75W3516D1	MTU-PCM VOTED MET HOUR
V75W3517D1	MTU-PCM VOTED MET MINUTE
V75W3518D1	MTU-PCM VOTED MET SECOND
V76C1540A1	AC BUS 1 0A,AMPS
V76C1541A1	AC BUS 1 0B,AMPS
V76C1542A1	AC BUS 1 0C,AMPS
V76C1640A1	AC BUS 2 0A,AMPS
V76C1641A1	AC BUS 2 0B,AMPS
V76C1642A1	AC BUS 2 0C,AMPS
V76C1740A1	AC BUS 3 0A,AMPS
V76C1741A1	AC BUS 3 0B,AMPS
V76C1742A1	AC BUS 3 0C,AMPS
V76C3075A1	MAIN BUS A-FWD,AMPS
V76C3076A1	MAIN BUS B-FWD,AMPS
V76C3077A1	MAIN BUS C-FWD,AMPS
V76C3085A1	MAIN BUS A-MID,AMPS
V76C3086A1	MAIN BUS B-MID,AMPS
V76C3087A1	MAIN BUS C-MID,AMPS
V76C3095A1	MAIN BUS A-AFT,AMPS
V76C3096A1	MAIN BUS B-AFT,AMPS
V76C3097A1	MAIN BUS C-AFT,AMPS
V76V0100A1	MAIN BUS A-VOLTS,HARD WIRE
V76V0200A1	MAIN BUS B-VOLTS,HARD WIRE
V76V0300A1	MAIN BUS C-VOLTS,HARD WIRE
V76V1500A1	AC BUS 1 0A,VOLTS
V76V1501A1	AC BUS 1 0B,VOLTS
V76V1502A1	AC BUS 1 0C,VOLTS
V76V1600A1	AC BUS 2 0A,VOLTS
V76V1601A1	AC BUS 2 0B,VOLTS
V76V1602A1	AC BUS 2 0C,VOLTS
V76V1700A1	AC BUS 3 0A,VOLTS
V76V1701A1	AC BUS 3 0B,VOLTS
V76V1702A1	AC BUS 3 0C,VOLTS
V76X4400E1	PCA E-1 FASCOS/MEM B/U PWR RPCA ON
V76X4401E1	PCA E-1 FASCOS/MEM B/U PWR RPCB ON
V76X4402E1	PCA E-2 FASCOS/MEM B/U PWR RPCB ON
V76X4403E1	PCA E-2 FASCOS/MEM B/U PWR RPCC ON
V76X4404E1	PCA E-3 FASCOS/MEM B/U PWR RPCA ON
V76X4405E1	PCA E-3 FASCOS/MEM B/U PWR RPCC ON
V90Q8001C1	MAJOR MODE CODE
V90U1948C1	COMMANDED SSME THROTTLE SETTING
V90W1970C1	PREDICTED SSME C/O TIME IN MET
V90W1970C1	PREDICTED SSME C/O TIME IN MET
V90W8380C1	COUNTDOWN TIME (TBO TIME)
V90X755#X1	SEL MPS ME-# SHUTDOWN CMD
V90X8382X1	LAUNCH SEQUENCE ABORT FLAG
V90X8389X1	ENGINE SHUTDOWN VERIFICATION HOLD
V90X8393X1	LPS GO FOR AUTO SEQ START HOLD
V90X8394X1	LPS GO FOR ENGINE START HOLD
V90X8395X1	R/S SEQ SSME GO FOR LAUNCH HOLD
V90X8561X1	MECO CONFIRMED FLAG
V90X8569X1	MECO COMMAND FLAG
V90X8667X1	RS COUNTDOWN HOLD FLAG
V90X8670X1	ME-1 PAD DATA PATH FAIL HOLD
V90X8671X1	ME-2 PAD DATA PATH FAIL HOLD
V90X8672X1	ME-3 PAD DATA PATH FAIL HOLD
V90X8679X1	ME-1 CONTROL FAIL HOLD
V90X8680X1	ME-2 CONTROL FAIL HOLD
V90X8681X1	ME-3 CONTROL FAIL HOLD
V90X8771X1	UNCOMMANDED ENGINE SHUTDOWN ABORT
V90X8773X1	ME-1 LOW CHAMBER PRESSURE ABORT
V90X8774X1	ME-2 LOW CHAMBER PRESSURE ABORT
V90X8775X1	ME-3 LOW CHAMBER PRESSURE ABORT
V91Q1710CX	GPC 1 TMP SOURCE
V91Q1711CX	GPC 2 TMP SOURCE
V91Q1712CX	GPC 3 TMP SOURCE
V91Q1713CX	GPC 4 TMP SOURCE
V91Q1714CX	GPC 5 TMP SOURCE
V91X2813XX	EIU1/P4 DATA BYPASS(HFE INPUT)
V91X2817XX	EIU2/P4 DATA BYPASS(HFE INPUT)
V91X2821XX	EIU3/P4 DATA BYPASS(HFE INPUT)
V91X2920X_	FA1 MDM RETURN WORD BYPASS (HFE)
V91X2921X_	FA2 MDM RETURN WORD BYPASS (HFE)
V91X2922X_	FA3 MDM RETURN WORD BYPASS (HFE)
V91X2923X_	FA4 MDM RETURN WORD BYPASS (HFE)
V91X2927XX	EIU1/P1 DATA BYPASS(HFE INPUT)
V91X2928XX	EIU1/P1 DATA BYPASS(MFE INPUT)
V91X2930XX	EIU2/P1 DATA BYPASS(HFE INPUT)

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NOMENCLATURE

FORMAT

V91X2931XX	EIU2/P1 DATA BYPASS (MFE INPUT)
V91X2933XX	EIU3/P1 DATA BYPASS (HFE INPUT)
V91X2934XX	EIU3/P1 DATA BYPASS (MFE INPUT)
V91X7936XX	GPC 1 BUS 14 MASK
V91X7937XX	GPC 1 BUS 15 MASK
V91X7941XX	GPC 1 BUS 16 MASK
V91X7942XX	GPC 1 BUS 17 MASK
V91X7971XX	GPC 2 BUS 14 MASK
V91X7972XX	GPC 2 BUS 15 MASK
V91X7975XX	GPC 2 BUS 16 MASK
V91X7976XX	GPC 2 BUS 17 MASK
V91X8025XX	GPC 3 BUS 14 MASK
V91X8026XX	GPC 3 BUS 15 MASK
V91X8039XX	GPC 3 BUS 16 MASK
V91X8040XX	GPC 3 BUS 17 MASK
V91X8069XX	GPC 4 BUS 14 MASK
V91X8070XX	GPC 4 BUS 15 MASK
V91X8073XX	GPC 4 BUS 16 MASK
V91X8074XX	GPC 4 BUS 17 MASK
V91X8140XX	GPC 5 BUS 14 MASK
V91X8141XX	GPC 5 BUS 15 MASK
V91X8144XX	GPC 5 BUS 16 MASK
V91X8145XX	GPC 5 BUS 17 MASK
V92U5085CX	DEU 1 MF
V92U5086CX	DEU 1 DISPLAY ID
V92U5087CX	DEU 2 MF
V92U5088CX	DEU 2 DISPLAY ID
V92U5089CX	DEU 3 MF
V92U5090CX	DEU 3 DISPLAY ID
V92U5091CX	DEU 4 MF
V92U5092CX	DEU 4 DISPLAY ID
V95H0175C1	CURRENT ORB ALT ABOVE REF ELLIPSOID
V95X1202X1	ME-1 COMMAND PATH FAIL FLAG
V95X1203X1	ME-2 COMMAND PATH FAIL FLAG
V95X1204X1	ME-3 COMMAND PATH FAIL FLAG
V95X1207X1	MPS E1 FAIL FLAG
V95X1208X1	MPS E2 FAIL FLAG
V95X1209X1	MPS E3 FAIL FLAG
V98J2213C1	ME-1 PHASE IN EFFECT BFS
V98J2233C1	ME-2 PHASE IN EFFECT BFS
V98J2253C1	ME-3 PHASE IN EFFECT BFS
V98P2100C1	C ENGINE PC BFS
V98P2110C1	L ENGINE PC BFS
V98P2120C1	R ENGINE PC BFS
V98U2001C1	CMD THROTTLE BFS
V98U2202C1	ME-1 COMMAND STATUS BFS
V98U2204C1	ME-1 CHANNEL STATUS BFS
V98U2212C1	ME-1 OPER MODE WITHIN PHASE BFS
V98U2215C1	ME-1 SELF TEST STATUS BFS
V98U2222C1	ME-2 COMMAND STATUS BFS
V98U2224C1	ME-2 CHANNEL STATUS BFS
V98U2232C1	ME-2 OPER MODE WITHIN PHASE BFS
V98U2235C1	ME-2 SELF TEST STATUS BFS
V98U2242C1	ME-3 COMMAND STATUS BFS
V98U2244C1	ME-3 CHANNEL STATUS BFS
V98U2252C1	ME-3 OPER MODE WITHIN PHASE BFS
V98U2255C1	ME-3 SELF TEST STATUS BFS
V98U2408C1	MAJOR MODE BFS
V98W1390C1	ME-1 TIME REFERENCE BFS
V98W1391C1	ME-2 TIME REFERENCE BFS
V98W1392C1	ME-3 TIME REFERENCE BFS
V98W1888C1	TIME TO MAIN ENGINE CUTOFF BFS
V98X0643X1	BFS ENGAGED BFS
V98X0821X1	EIU 1 PRIMARY PORT BFS
V98X0824X1	EIU 1 SECONDARY PORT BFS
V98X0826X1	EIU 2 PRIMARY PORT BFS
V98X0828X1	EIU 2 SECONDARY PORT BFS
V98X0831X1	EIU 3 PRIMARY PORT BFS
V98X0832X1	EIU 3 SECONDARY PORT BFS
V98X2201X1	ME-1 MEMORY LOAD STATUS BFS
V98X2207X1	ME-1 FRT STATUS BFS
V98X2208X1	ME-1 LIMIT CONTROL INH/ENA BFS
V98X2221X1	ME-2 MEMORY LOAD STATUS BFS
V98X2227X1	ME-2 FRT STATUS BFS
V98X2228X1	ME-2 LIMIT CONTROL INH/ENA BFS
V98X2241X1	ME-3 MEMORY LOAD STATUS BFS
V98X2247X1	ME-3 FRT STATUS BFS
V98X2248X1	ME-3 LIMIT CONTROL INH/ENA BFS

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NOMENCLATURE

FORMAT

V98X2752X1	TRKG PASS STAT-TRKG FC STNG 1 BFS
V98X3545X1	AS32 MECO CMD BFS
V98X3546X1	AS33 MECO CONFIRMED BFS
V99J4668C1	TEST STATUS MESSAGE (ACTV/CPLT)
V99J4670C1	TEST FAIL STEP NUMBER
V99J4671C1	TEST FAIL REPOSENSE WORD VALUE
V99U4692C1	BCE STAT REG (32 BITS)

SSME COMMANDS

Hex	Octal	Dec	CADS	MSID	NOMENCLATURE	MEMORY	MODE/PHASE	
2000	20000	8192		346	TERMINATE LOAD WORD 1 CMD			BLOCK II
2700	23400	9984	TLA1	259	TERMINATE LOAD CMP A WD 1 CMD			BLOCK I
4700	43400	18176	65%	265	65% RPL CMD		ALL	
6700	63400	26368	TLB1	261	TERMINATE LOAD CMP B WD 1 CMD			BLOCK I
6A00	65000	27136	100%	300	100% RPL CMD		ALL	
6E00	67000	28160	104%	304	104% RPL CMD		ALL	
7300	71400	29440	109%	309	109% RPL CMD		ALL	
8000	100000	32768	RSME	202	RESUME CMD	ALL	ALL	
8100	100400	33024	STRT	203	START CMD	ALL	ALL	
8300	101400	33536		205	EXECUTE LOAD CMD			BLOCK I
8300	101000	33536	MLAB	349	MEMORY LOAD A AND B	PROM		BLOCK II
8400	102000	33792	MLDA	206	MEMORY LOAD A	PROM		
8500	102400	34048	MLDB	207	MEMORY LOAD B	PROM		
8600	103000	34304	MRC1	208	MEMORY READOUT,CMPTR 1 CMD			BLOCK I
8700	103400	34560	MRC2	209	MEMORY READOUT,CMPTR 2 CMD			BLOCK I
8800	104000	34816	LCIN	210	LIMIT CONTROL INHIBIT CMD	FLT,FRT	ALL	
8900	104400	35072	LCEN	211	LIMIT CONTROL ENABLE CMD	FLT,FRT	ALL	
8A00	105000	35328	SDEN	212	SHUTDOWN ENABLE CMD	FLT,FRT	ALL	
8B00	105400	35584	PSN1	213	PURGE SEQUENCE 1 CMD	FLT,FRT	CO/SB,SP/P1-2,PSD/SB	
8C00	106000	35840	PSN2	214	PURGE SEQUENCE 2 CMD	FLT,FRT	CO/SB,SP/P1-2,PSD/SB	
8D00	106400	36096	PSN3	215	PURGE SEQUENCE 3 CMD	FLT,FRT	CO/SB,SP,PSD/SB	
8E00	107000	36352	PSN4	216	PURGE SEQUENCE 4 CMD	FLT,FRT	CO/SB,SP,PSD/SB	
8F00	107400	36608	STEN	217	START ENABLE CMD	FLT,FRT	SP/P4,SP/ER	
9000	110000	36864	TSEQ	218	TERMINATE SEQUENCE CMD	FLT,FRT	CO/SB,SP,PSD/SB-OD	
9100	110400	37120	ODMP	219	OXIDIZER DUMP CMD	FLT,FRT	PSD/SB,PSD/OD	
9200	111000	37376	SDCA	318	STOP DCU A CMD	ALL	ALL	BLOCK II
9300	111400	37632	SDCB	319	STOP DCU B CMD	ALL	ALL	BLOCK II
9400	112000	37888	NOOP	201	NO-OP CMD	ALL	ALL	
9500	112400	38144	EGND	322	ENTER GND C/O CONFIG CMD	ALL	CO/SB	BLOCK II
9600	113000	38400	EFRT	323	ENTER FLT CONFIG CMD	ALL	CO/SB	BLOCK II
9700	113400	38656	EFRT	324	ENTER FRT 1 CONFIG CMD	ALL	CO/SB	BLOCK II
9800	114000	38912	ETWO	325	ENTER FRT 2 CONFIG CMD	ALL	CO/SB	BLOCK II
9A00	115000	39424	RVRC	326	RESTORE VRC CMD	ALL	ALL	BLOCK II
9B00	115400	39680	SVRC	254	SWITCH VRC CMD	ALL	ALL	
9C00	116000	39936	SHTD	204	SHUTDOWN CMD	ALL	ALL	
9D00	116400	40192	CHSB	221	CHECKOUT STANDBY CMD	ALL	CO,SP,PSD/SB,PSD/OD	
9E00	117000	40448	RSCA	222	RESET CHANNEL A CMD	PROM		
9F00	117400	40704	RSCB	223	RESET CHANNEL B CMD	PROM		
A000	120000	40960	CTRS	224	CONTROLLER RESET CMD	ALL	CO,SP,PSD/SB,PSD/OD	
A000	120000	40960		258	TEST INVALID BCH REJECT CMD			
A000	120000	40960		347	TERMINATE LOAD WORD 2 CMD			BLOCK II
A001	120001	40961		257	TEST INVALID CMD REJECT CMD			
A100	120400	41216	OMFV	225	OPEN MFV CMD	GCO	CO/SB,CO/LD	
A200	121000	41472	OMOV	226	OPEN MOV CMD	GCO	CO/SB,CO/LD	
A300	121400	41728	OCCV	227	OPEN CCV CMD	GCO	CO/SB,CO/LD	
A400	122000	41984	OPFV	228	OPEN FPOV CMD	GCO	CO/SB,CO/LD	
A500	122400	42240	OOPV	229	OPEN OPOV CMD	GCO	CO/SB,CO/LD	
A600	123000	42496	OPFV	230	OPEN FUEL SYSTEM PURGE VLV	GCO	CO/SB,CO/LD	
A700	123400	42752	OHCV	231	OPN HPOP IMSL PRG VLV CMD	GCO	CO/SB,CO/LD	
A700	123400	42752	TLA2	260	TERMINATE LOAD CMP A WD 2 CMD			BLOCK I
A800	124000	43008	OLCV	232	OPEN BLD VLV CMD	GCO	CO/SB,CO/LD	
A900	124400	43264	CECV	233	CLOSE EMSD VLV CMD	GCO	CO/SB,CO/LD	
AA00	125000	43520	OPPV	234	OPEN POGO PRCHG VLV CMD	GCO	CO/SB,CO/LD	
AB00	125400	43776	DEAV	235	DEACTV ALL VLVS (PROP&PNEU)	GCO	CO	
AC00	126000	44032	OPCV	255	OPEN PB SHUTDOWN PRG VLV CMD	GCO	CO/SB,CO/LD	
AD00	126400	44288	FSPC	236	FUEL SYS PRG VLV C/O CMD	GCO	CO/SB	
AE00	127000	44544	HSPC	237	HPOT ISP VLV C/O CMD	GCO	CO/SB	
AF00	127400	44800	LSPC	238	BLEED VLV C/O CMD	GCO	CO/SB	
B000	130000	45056	ESCC	239	EMSD C/O CMD	GCO	CO/SB	
B100	130400	45312	PPCV	240	POGO PCHG C/O CMD	GCO	CO/SB	
B200	131000	45568	CPCV	263	C/O PB SHUTDOWN PRG VLV CMD	GCO	CO/SB	
B300	131400	45824	MFVC	241	MFV C/O CMD	GCO	CO/SB	
B400	132000	46080	MOVC	242	MOV C/O CMD	GCO	CO/SB	
B500	132400	46336	CCVC	243	CCV C/O CMD	GCO	CO/SB	
B600	133000	46592	FPOC	244	FPOV C/O CMD	GCO	CO/SB	
B700	133400	46848	OPOC	245	OPOV C/O CMD	GCO	CO/SB,CO/LD	
B800	134000	47104	SCKC	246	SENSOR CAL AND CHECKOUT CMD	GCO	CO/SB	
B900	134400	47360	SIGC	247	SPARK IGNITER CHECKOUT CMD	GCO	CO/SB	
BA00	135000	47616		264	CHECKOUT FASCOS CMD			BLOCK I
BB00	135400	47872	ECCO	248	CONTROLLER C/O CMD	GCO	CO/SB	
BC00	136000	48128	AFRT	249	ACTIVATE FRT SIM CMD	FRT	CO/SB	
BD00	136400	48384	SCAF	250	SIMULATE CHAN A FAILURE CMD	FRT-1	ALL	
BE00	137000	48640	SCBF	251	SIMULATE CHAN B FAILURE CMD	FRT-1	ALL	
BF00	137400	48896	SOOL	252	SIMULATE OUT OF LIMITS CMD	FRT	ALL	
C000	140000	49152	DFRT	253	DEACTIVATE FRT SIM CMD	FRT	ALL	
C100	140400	49408		310	INHIBIT IGNITERS IN FRT-1 CMD	FRT-1	ALL	

Hex	Octal	Dec	CADS MSID	NOMENCLATURE	MEMORY	MODE/PHASE	
C200	141000	49664	348	HYDRAULIC CONDITIONING CMD	GCO	CO/SB	
C300	141400	49920	SHTP 327	SHTDN PNEU IN FRT CMD	FRT-1	ALL	BLOCK II
E700	163400	59136	TLB2 262	TERMINATE LOAD CMP B WD 2 CMD			BLOCK I
F101	170401	61697	HELA 329	HELLO A CMD	PROM		BLOCK II
F102	170401	61698	HELB 328	HELLO B CMD	PROM		BLOCK II
F201	171001	61953	PSCA 331	PROM SUM CHECK A CMD	PROM		BLOCK II
F202	171002	61954	PSCB 330	PROM SUM CHECK B CMD	PROM		BLOCK II
F311	171421	62225	IOLA 333	IO READOUT A-LOW HALF CMD	ALL	CO,SP,PSD	BLOCK II
F312	171422	62226	IOLB 332	IO READOUT B-LOW HALF CMD	ALL	CO,SP,PSD	BLOCK II
F321	171441	62241	IOHA 335	IO READOUT A-HIGH HALF CMD	ALL	CO,SP,PSD	BLOCK II
F322	171442	62242	IOHB 334	IO READOUT B-HIGH HALF CMD	ALL	CO,SP,PSD	BLOCK II
F331	171461	62257	IOSA 337	IO READOUT A INPUT SPACE CMD	ALL	CO,SP,PSD	BLOCK II
F332	171462	62258	IOSB 336	IO READOUT B INPUT SPACE CMD	ALL	CO,SP,PSD	BLOCK II
F501	172401	62721	ENFA 339	FDR ENABLE A CMD	PROM		BLOCK II
F502	172402	62722	ENFB 338	FDR ENABLE B CMD	PROM		BLOCK II
F601	173001	62977	ROFA 341	FDR CROSS-CH READOUT A CMD	PROM		BLOCK II
F602	173002	62978	ROFB 340	FDR CROSS-CH READOUT B CMD	PROM		BLOCK II
F701	173401	63233	RWRA 343	RAM WRITE-READ TEST A CMD	PROM		BLOCK II
F702	173402	63234	RWRB 342	RAM WRITE-READ TEST B CMD	PROM		BLOCK II
F801	174001	63489	RSCA 345	RAM SUM CHECK A CMD	PROM		BLOCK II
F802	174002	63490	RSKB 344	RAM SUM CHECK B CMD	PROM		BLOCK II
FF00	177400	65280	XSML 256	EXIT MEMORY LOADER CMD			BLOCK I
FF00	177400	65280	EXPM 317	EXIT PROM CMD	PROM		BLOCK II
FFF1	177761	65521	MRC2 316	MEMORY READOUT CH B CMD	ALL	CO,SP,PSD	BLOCK II
FFF2	177762	65522	MRC1 315	MEMORY READOUT CH A CMD	ALL	CO,SP,PSD	BLOCK II

ISSU_E41K#---BL, , , , 'TXXXXXX_BCH