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Title	TC/TM DATABASE FOR THE EPIC MOS CAMERA SYSTEM (EMCS)
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4000 Extraheating Mode Selection

Raw Value Alias String
0 Deicing
1 Decontamina.
2 Annealing

4001 In-Flight Test Selection Mode

Raw Value Alias String
0 EMCS
1 EMDH

4002 Selected / Not Selected

Raw Value Alias String
0 Not Selected
1 Selected

4003 Active / Not Active

Raw Value Alias String
0 Not Active
1 Active

4005 ON / OFF

Raw Value Alias String
0 OFF
1 ON

4006 FW Power Coil Selection

Raw Value Alias String
1 Nominal ON
2 Redundant ON
3 Both ON

4007 FW Turn, Synch. Coil Selection

Raw Value Alias String
0 Both ON
1 Nominal ON
2 Redundant ON

4008 EDU Zone

Raw Value Alias String
0 Normal Area
1 Alternate A.

4009 EDU Operating Mode

Raw Value Alias String
0 Stop
1 Run
2 Alternate

4010 EDU Science Mode

Raw Value Alias String
0 Transparent

- 1 Timing
- 2 Threshold
- 3 Image

4011 Filter Wheel Rotation Direction

Raw Value	Alias String
0	Forward
1	Backward

4012 Filter Wheel Absolute Position

Raw Value	Alias String
0	Open
1	Filter D
2	Filter C
3	Filter B
4	Filter A
5	Closed
6	IllegalValue
7	Not Valid CS

4013 Filter Wheel Stop Sensor

Raw Value	Alias String
0	In Position
1	Out Position

4014 Filter Wheel Running Mode

Raw Value	Alias String
0	Normal
1	Step

4015 Test Image

Raw Value	Alias String
0	Loaded Image
1	Built Image

4016 EMCS Operating Mode

Raw Value	Alias String
0	Safe StandBy
1	Idle
2	Prime
3	Fast
4	Offset
5	CCD Diagnos.
6	Extraheating
16	InFlightTest

4017 EMCS Status Mode

Raw Value	Alias String
0	Valid Mode
1	EnteringMode
2	Leaving Mode
255	NotValidMode

4018 HBR Processing Configuration

Raw Value	Alias String
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- 0 Disabled
- 1 Imag. Proc.
- 2 Imag.N.Proc.
- 3 Imag.R.Proc.
- 4 Imag.R.N.Pr.
- 5 EDU Thresh.
- 6 Tim. Proces.
- 7 Tim.N.Proce.
- 8 Tim.C.Proce.
- 9 Tim.C.N.Pro.
- 10 Transparent

4019 HOP Switches Arming Status

- Raw Value Alias String
- 0 Not Armed
 - 1 Armed

4020 Sequencer RAM Load/Run

- Raw Value Alias String
- 0 Load
 - 1 Run

4021 Internal Simulator Selection

- Raw Value Alias String
- 0 ChainNorNod0
 - 1 ChainNorNod1
 - 2 Chain/10Nod0
 - 3 Chain/10Nod1
 - 4 SimulatorMax
 - 5 Simulator_/2
 - 6 Simulator_/4
 - 7 Simulator_/8

4024 Test Result

- Raw Value Alias String
- 0 Failed
 - 1 Passed

4025 EMCR Operating Mode

- Raw Value Alias String
- 0 Initializat.
 - 1 Stand-By
 - 2 Observation
 - 3 Test
 - 4 Annealing

4026 Timeout Error

- Raw Value Alias String
- 0 NoTimeoutErr
 - 1 TimeoutError

4027 Open/Closed Status

- Raw Value Alias String
- 0 Open
 - 1 Closed

4029 Door Rotate Bellows Status

Raw Value Alias String
0 Retracted
1 NotRetracted

4030 Low/High alias

Raw Value Alias String
0 Low
1 High

4031 Occurrence Flag

Raw Value Alias String
0 Not Occured
1 Occured

4032 Valid / Not Valid Flag

Raw Value Alias String
0 Valid
1 Not Valid

4033 LBR failure's reason

Raw Value Alias String
17 WrongChecks.
34 OVflowLCleng
51 Time-outErr.
68 LC running
250 busyLBR

4034 EMCR H/K refresh status

Raw Value Alias String
0 New EMCR H/K
65535 Old EMCR H/K

4035 Shroud Heater Power ON/OFF

Raw Value Alias String
0 Off
65535 On

4036 CCD mode

Raw Value Alias String
0 Imaging
1 ImagingWindo
2 Timing

4037 LBR I/F status

Raw Value Alias String
0 I/F OK
65280 I/F busy

4038 LBR protocol error

Raw Value Alias String
51 4FailedAttem

- 68 LCBootPrgDis
- 85 LC CTRRAMDis
- 102 IllegLC code
- 119 LCcurrCTRdis
- 136 LCparaOutRan
- 153 LCexecFailed
- 170 OtherLC/Leng
- 250 NoEMCRrespon
- 251 Other Errors

4039 Refusal reason

- Raw Value Alias String
- 1 AutTransRun
 - 2 NotAllowTra

4040 OK / Not OK

- Raw Value Alias String
- 0 OK
 - 1 Not OK

4041 OK / not OK / not required

- Raw Value Alias String
- 0 OK
 - 1 Not OK
 - 2 Not required

4042 In-Flight Test Submode

- Raw Value Alias String
- 1 ift_emdh
 - 2 ift_emcs

4043 False / True

- Raw Value Alias String
- 0 False
 - 1 True

4044 True / False

- Raw Value Alias String
- 0 True
 - 1 False

4045 Filter Wheel in Closed position

- Raw Value Alias String
- 0 Closed
 - 1 NotClosed/Un

4046 Filter Wheel in Open position

- Raw Value Alias String
- 0 Open
 - 1 NotOpen/Un

4047 Automatic Transition's Reason

- Raw Value Alias String
- 1 OBDH loss

EMCS ALIAS DEFINITIONS

- 2 ErrDiagnProc
- 3 EndDiagnProc
- 4 ErrorO/Vproc
- 5 End O/V Proc

4048

EMDH Switch Identifier

Raw Value	Alias String
2560	Door
2816	VentingValve
3072	Annealing
3328	SecondShroud
3584	FW Coil 1
3840	FW Coil 2