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<b>Title</b>	TC/TM DATABASE FOR THE EPIC PN CAMERA SYSTEM (EPCS)
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**5000 EPCS Selected Operating Mode**

Raw Value	Alias String
0	Safe StandBy
1	Idle
2	Observation
4	Offset/Noise
5	CCD Diagnos.
6	Extraheating
16	InFlightTest

**5001 EPCS Valid Operating Mode**

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

**5002 OFF/ON alias**

Raw Value	Alias String
0	Off
1	On

**5003 Not Active / Active ALIAS**

Raw Value	Alias String
0	Not Active
1	Active

**5004 HBR Channel Configuration H/K**

Raw Value	Alias String
0	Disabled
1	ImaFullFrame
2	ImaLargeWind
3	ImaSmallWind
4	Timing
5	Burst
6	Transparent

**5005 Not Armed / Armed ALIAS**

Raw Value	Alias String
0	Not Armed
255	Armed

**5006 No Error / Error ALIAS**

Raw Value	Alias String
0	No Error
1	Error

**5007 Not Selected / Selected Alias**

Raw Value	Alias String
0	Not Selected
1	Selected

**5008 Nominal/Redundant ALIAS**

Raw Value Alias String  
0 Nominal  
1 Redundant

**5009 Nominal/Debug EPCE Mode Alias**

Raw Value Alias String  
0 Nominal  
1 Debug

**5010 Memory modify one time/continous**

Raw Value Alias String  
0 One time  
1 Continuously

**5011 Verify test result**

Raw Value Alias String  
0 Passed  
1 Failed

**5012 Enabled/Disabled Flag TM**

Raw Value Alias String  
0 Enabled  
1 Disabled

**5013 FW moving mode TM**

Raw Value Alias String  
0 Emergency  
1 Normal

**5014 FW moving direction TM**

Raw Value Alias String  
0 Up  
1 Down

**5015 FW moving speed**

Raw Value Alias String  
0 Slow  
1 Fast

**5016 FW position status**

Raw Value Alias String  
0 Open  
1 Filter D  
2 Filter C  
3 Filter B  
4 Filter A  
5 Close  
7 No Stop Pos.

**5017 FW motor status HK**

Raw Value Alias String

0 Stopped  
1 Running

**5018**

**Bellow status**

Raw Value Alias String  
0 Retracted  
1 NotRetracted

**5019**

**Door status**

Raw Value Alias String  
0 Open  
1 Closed

**5020**

**Ready / Not Ready status**

Raw Value Alias String  
0 Ready  
1 Not Ready

**5021**

**High/Low Alias TM**

Raw Value Alias String  
0 High  
1 Low

**5022**

**Parallel / Sequential readout**

Raw Value Alias String  
0 Parallel  
1 Sequential

**5023**

**EPEA CPU PMODE alias**

Raw Value Alias String  
0 Idle  
1 Send

**5025**

**CCD selection**

Raw Value Alias String  
1 CCD 0 ON  
2 CCD 1 ON  
3 CCD 0 & 1 ON  
4 CCD 2 ON  
5 CCD 0 & 2 ON  
6 CCD 1 & 2 ON  
7 ALL CCDs ON

**5026**

**Good / Bad column/line status**

Raw Value Alias String  
0 Good  
1 Bad

**5027**

**Overrun alias**

Raw Value Alias String  
0 No Overrun  
1 Overrun

**5028 Not Received / Received alias**

Raw Value Alias String  
0 Not Received  
1 Received

**5029 Not Occured / Occured alias**

Raw Value Alias String  
0 Not Occured  
1 Occured

**5030 EPEA PMODE**

Raw Value Alias String  
0 Idle  
1 Send  
2 Debug

**5031 EPEA sendmode**

Raw Value Alias String  
16 MIP correc.1  
17 MIP correc.2  
18 No MIP corr.

**5032 EPEA readout mode**

Raw Value Alias String  
32 Full Frame  
33 Small Window  
34 Large Window  
35 Timing  
36 Burst

**5033 CCD Mode**

Raw Value Alias String  
0 Not Active  
1 Imaging FF  
2 Imaging LW  
3 Imaging SW  
4 Timing  
5 Burst

**5034 Missing Flag**

Raw Value Alias String  
0 No Missing  
1 Missing

**5035 In-Flight Test Selection Mode**

Raw Value Alias String  
0 EPCS  
1 EPDH

**5036 Selected Scientific Table alias**

256 = Discarded Lines

Raw Value Alias String  
1 Offset Table  
16 Noise Table

**5037 Segment/Offset/IO selection**

Raw Value Alias String  
0 Segment  
1 Offset  
2 I/O

**5038 Byte/Word Data selection**

Raw Value Alias String  
0 Byte Data  
1 Word Data

**5039 Yes / No alias**

Raw Value Alias String  
0 Yes  
1 No

**5040 CCD selection alias**

256 = CCD 0

Raw Value Alias String  
1 CCD 2  
16 CCD 1

**5041 Lower / Upper limit selection**

Raw Value Alias String  
1 Lower Limit  
16 Upper Limit

**5042 Good / Bad pixel status**

Raw Value Alias String  
1 Good  
16 Bad

**5043 Median Correction Status**

Raw Value Alias String  
1 On  
16 Off

**5044 Save / Load Offset Table alias**

Raw Value Alias String  
0 Save  
1 Load

**5045 Disabled / Enabled status TC**

Raw Value Alias String  
0 Disabled  
1 Enabled

**5046 FW Movement Direction TC**

Raw Value Alias String  
0 To Close  
1 To Open

**5047 FW Emergency Mode TC**

Raw Value	Alias String
0	Normal
1	Emergency

**5048 Power Switch Selection alias**

Raw Value	Alias String
0	Quadr 0 Conv
1	Quadr 1 Conv
2	Quadr 2 Conv
3	Quadr 3 Conv
4	OperHeatConv
5	FiltWheelPow
6	DecHeat1Pow
7	DecHeat2Pow

**5049 Static Voltage Selection alias**

Raw Value	Alias String
2	Cn_UAMOS_L
3	Cn_UAMOS_H
4	Cn_RFGA_L
5	Cn_RFGA_H
6	Cn_UPHI_L
7	Cn_UPHI_H
8	Cn_UFLSH_L
9	Cn_UFLSH_H
11	Cn_UVBST

**5050 Low/High alias TC**

Raw Value	Alias String
0	Low
1	High

**5051 EPEA/EPCE S/W patch pointer**

Entry By Numb./Addr. = New location address previously loaded in the Ax/CE\_MEMCHKSS and Ax/CE\_MEMCHKSO H/K parameters, by "Load EPEA Quadrants/EPCE Memory" TCs using table entry by, respectively, Number/Address

Raw Value	Alias String
0	PROMTabEntry
1	EntryByNumb.
2	EntryByAddr.

**5052 Debug Mode Alias**

Raw Value	Alias String
0	Not Selected
255	Selected

**5053 FW motor status TC**

Raw Value	Alias String
0	Stop
1	Start

**5054 Quadrant Mode**

Raw Value	Alias String
0	Normal

3 Transparent

**5055**

**ON / OFF alias**

Raw Value	Alias String
0	ON
1	OFF

**5058**

**Active / Not Active alias**

Raw Value	Alias String
0	Active
1	Not Active

**5059**

**LBR Protocol Error**

Raw Value	Alias String
1	BeginIDnotFF
2	WrongLength
3	UARTRecError
4	WrongParamNum
5	WrongParamet
6	DiffEPEAAckn
8	FailedLCVeri
17	WrongFramCHK
34	Unknown LC
51	Timeout
68	LC rejected
113	EA 0 failed
114	EA 1 failed
115	EA0,1 failed
116	EA 2 failed
117	EA2,0 failed
118	EA2,1 failed
119	EA2,1,0faile
120	EA 3 failed
121	EA3,0 failed
122	EA3,1 failed
123	EA3,1,0faile
124	EA3,2 failed
125	EA3,2,0faile
126	EA3,2,1 faile
127	EA3,2,1,0fai
250	EMDHresponse

**5060**

**Valid / Not Valid**

Raw Value	Alias String
0	Valid
1	Not Valid