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Title	TC/TM DATABASE FOR THE EPIC MOS CAMERA SYSTEM (EMCS)
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EMCS TM PACKETS

EPIC-EST-TN-008 I.2

Appendix D

TPN	APID	NAME	TYPE	STYPE	TIME FLAG	SID	TID	FID	MID	ERROR CODE
40001	1664	EMCS Periodic H/K	1	1	Y	10	0	0	0	0
40002	1664	Succ. Command Accep.	3	1	Y	0	0	0	0	0
40003	1664	UnsComAc-IllegalAPID	3	2	Y	0	0	0	0	0
40004	1664	UnsComEx-Parameters	3	4	Y	0	0	0	0	130
40005	1664	Initialization Log	4	1	Y	0	0	0	0	0
40006	1664	Succ. Command Exec.	4	1	Y	16	0	0	0	0
40007	1664	Full Scientific Buf.	4	1	Y	47	0	0	0	0
40008	1664	Automatic Transition	4	1	Y	17	0	0	0	0
40009	1664	SuccesLoadTaskExecut	4	1	Y	18	0	0	0	0
40010	1664	LBR Protocol Error	4	2	Y	81	0	0	0	0
40011	1664	Failed Initializat.	4	3	Y	112	0	0	0	0
40012	1664	HBR Fifo Full	4	3	Y	115	0	0	0	0
40014	1664	Therm. Control Alarm	4	3	Y	127	0	0	0	0
40015	1664	FW Not Closed Report	4	2	Y	82				0
40017	1664	HBR7 Bright Pixel T.	5	4	Y	0	255	137	0	0
40018	1664	HBR8 Bright Pixel T.	5	4	Y	0	255	138	0	0
40019	1664	HBR Configuration	5	4	Y	0	255	128	0	0
40020	1664	HBR Buffer Size	5	4	Y	0	255	129	0	0
40021	1664	HBR 1 BPT	5	4	Y	0	255	131	0	0
40022	1664	Threshold Values	5	4	Y	0	255	130	0	0
40023	1664	Extraheating Config.	5	4	Y	0	255	144	0	0
40024	1664	Therm. Monit. Limits	5	4	Y	0	255	160	0	0
40025	1664	EMDH Memory Dump	6	2	Y	0	0	0	0	0
40026	1664	EMDH Table Dump	6	2	Y	0	0	0	1	0
40027	1664	EMCR Memory Dump	6	2	Y	0	0	0	16	0
40031	1664	EMDH Memory Checksum	6	3	Y	0	0	0	0	0
40032	1664	EMCR Memory Checksum	6	3	Y	0	0	0	16	0
40033	1664	TM Generation Status	9	1	Y	0	0	0	0	0
40034	1664	Time Verific. Report	10	5	N	0	0	0	0	0
40035	1664	Imaging Data	15	1	N	1	0	0	0	0
40036	1664	Imaging Reduced Data	15	1	N	2	0	0	0	0
40037	1664	Timing Data	15	2	N	3	0	0	0	0
40038	1664	Timing Compres. Data	15	2	N	4	0	0	0	0
40039	1664	Diagnostic Data	15	3	N	5	0	0	0	0
40040	1664	Offset/Variance Data	15	4	N	6	0	0	0	0
40041	1664	HBR2 Bright Pixel T.	5	4	Y	0	255	132	0	0
40042	1664	HBR3 Bright Pixel T.	5	4	Y	0	255	133	0	0
40043	1664	HBR4 Bright Pixel T.	5	4	Y	0	255	134	0	0
40044	1664	HBR5 Bright Pixel T.	5	4	Y	0	255	135	0	0
40045	1664	HBR6 Bright Pixel T.	5	4	Y	0	255	136	0	0
40046	1664	Imaging Coun. Fr. R.	15	4	N	7	0	0	0	0
40047	1664	Timing Coun. Fra. R.	15	4	N	8	0	0	0	0
40048	1664	UnsuccSwitchOpening	4	3	Y	125	0	0	0	0
40049	1664	CurrentLimiterActiv	4	3	Y	126				0
40103	1664	UnsComAc-IncorrecCHK	3	2	Y	0	0	0	0	1
40104	1664	UnsComEx-MemoryError	3	4	Y	0	0	0	0	131
40203	1664	UnsComAc-IllegalTYPE	3	2	Y	0	0	0	0	2
40204	1664	UnsComEx-EMDH Lcfull	3	4	Y	0	0	0	0	132
40303	1664	UnsComAc-IllegalSTYP	3	2	Y	0	0	0	0	3
40304	1664	UnsComEx-OtherMemory	3	4	Y	0	0	0	0	133
40403	1664	UnsComAc-IllegLength	3	2	Y	0	0	0	0	5
40404	1664	UnsComEx-GenericErr	3	4	Y	0	0	0	0	134
40503	1664	UnsComAc-Illegal TID	3	2	Y	0	0	0	0	8
40504	1664	UnsComEx-HazardousTC	3	4	Y	0	0	0	0	135
40603	1664	UnsComAc-Illegal FID	3	2	Y	0	0	0	0	9
40604	1664	UnsComEx-PeriodicPro	3	4	Y	0	0	0	0	136
40703	1664	UnsComAc-IllegalMODE	3	2	Y	0	0	0	0	10
40704	1664	UnsComEx-LBR ProtErr	3	4	Y	0	0	0	0	238
40803	1664	UnsComAc-Illegal MID	3	2	Y	0	0	0	0	11
40804	1664	UnsComEx-WrongO/Vpar	3	4	Y	0	0	0	0	94
40903	1664	UnsComAc-IncorHeader	3	2	Y	0	0	0	0	129
41004	1664	UnsComEx-TranRefused	3	4	Y	0	0	0	0	240
41104	1664	UnsComEx-SafeToIdle	3	4	Y	0	0	0	0	241
41204	1664	UnsComEx-ObserToIdle	3	4	Y	0	0	0	0	242
41304	1664	UnsComEx-DiagnToIdle	3	4	Y	0	0	0	0	243

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TPN	APID	NAME	TYPE	STYPE	TIME FLAG	SID	TID	FID	MID	ERROR CODE
41404	1664	UnsComEx-Of/VaToIdle	3	4	Y	0	0	0	0	244
41504	1664	UnsComEx-ExHeaToIdle	3	4	Y	0	0	0	0	245
41604	1664	UnsComEx-IFT To Idle	3	4	Y	0	0	0	0	246
41704	1664	UnsComEx-Any To Safe	3	4	Y	0	0	0	0	247
41804	1664	UnsComEx-IdleToSafe	3	4	Y	0	0	0	0	248
41904	1664	UnsComEx-IdleToIdle	3	4	Y	0	0	0	0	249
42004	1664	UnsComEx-IdleToPrime	3	4	Y	0	0	0	0	250
42104	1664	UnsComEx-IdleToFast	3	4	Y	0	0	0	0	251
42204	1664	UnsComEx-IdleToDiagn	3	4	Y	0	0	0	0	252
42304	1664	UnsComEx-IdleToOf/Va	3	4	Y	0	0	0	0	253
42404	1664	UnsComEx-IdleToExHea	3	4	Y	0	0	0	0	254
42504	1664	UnsComEx-Idle To IFT	3	4	Y	0	0	0	0	255