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Title	TC/TM DATABASE FOR THE EPIC MOS CAMERA SYSTEM (EMCS)
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	EMCS I	AME Periodic H/K This TM packet of	1 contains	1 all the peri	N/A iodic I	N/A I/Ks, s	N/A sample	10 d ever			SOUR TB	)
	_	packet data coul		_	_						ELON	DEDIOD
ERROR (		ERROR FLA	G P	PERIODIO	J PK I	CON	NDITIO	JN	APERIODIC	PKT CONDI	HON	PERIOD 8
	Succ. Con Command	AME nmand Accep. Acceptance Thi	3 s TM pac	1 cket contai	N/A	N/A	N/A	N/A	TIME FLAG Y TC identified by	TC y the Sequence	SOUR TBl	)
ERROR (	•	ed and accepted be ERROR FLA	•	a. PERIODIO	C PKT	CON	NDITIO	ON	APERIODIC	PKT CONDI	ΓΙΟΝ	PERIOD
0												1
Unsuccessf	UnsComA ful Comma	AME ac-IllegalAPID and Acceptance d not been correct	3 lue to ille	2 egal APID	N/A This T	N/A M pa	N/A cket co	N/A ntains			SOUR TBl ntified by t	)
ERROR	CODE	ERROR FLA	G P	ERIODIO	C PKT	CON	NDITIO	ON	APERIODIC	PKT CONDI	ΓΙΟΝ	PERIOD
0												1
<b>TPN</b> 40004	UnsCom	AME Ex-Parameters	3	4	N/A	N/A	N/A	N/A	TIME FLAG Y	TC	SOUR	
		nd Execution du ort indicating the										
ERROR (		ERROR FLA	G P	PERIODIO	C PKT	CON	DITIO	ON	APERIODIC	PKT CONDI	TION	PERIOD 1
TPN 40005 Initializatio	Initiali	AME zation Log s TM packet con	TYPE 4 tains a re	1	N/A	N/A	N/A	0	Y the successful of	TC execution of the	SOUR TBI e EMDH	-
initializatio	_											
ERROR (		ERROR FLA	G P	PERIODIO	C PKT	CON	NDITIO	ON	APERIODIC	PKT CONDI	FION	PERIOD 1
<b>TPN</b> 40006	- '	AME mmand Exec.	<b>TYPE</b> 4	STYPE 1			MID N/A	<b>SID</b> 16	TIME FLAG Y	TC	SOUR TB	
		Execution This ed by EMCS.	TM pack	tet contain	s a rep	ort in	dicating	g the T	C identified by	the Sequence C	Count has	
ERROR (	CODE	ERROR FLA	G P	PERIODIO	C PKT	CON	DITIO	ON	APERIODIC	PKT CONDI	FION	PERIOD 1
TPN	N	AME	ТҮРЕ	STYPE	TID	FID	MID	SID	TIME FLAG	TC	SOUR	CE
40007		entific Buf.	4	1	N/A	N/A	N/A	47	Y		TB	)
exceeding t		This TM packet f the buffer capal										
counted.  ERROR		ERROR FLA	G P	PERIODIO	C PKT	CON	NDITIO	ON	APERIODIC	PKT CONDI	TION	PERIOD 1
TPN	N	AME	ТҮРЕ	STYPE	TID	FID	MID	SID	TIME FLAG	TC	SOUR	CE
40008 This TM no		ic Transition ts the reason of t	4 he autom	1 natic transi		N/A	N/A	17	Y		TB	)
21115 1111 pc	acker repor	and reason of t		c truiisi								
ERROR 0		ERROR FLA	G P	ERIODIO	C PKT	CON	NDITIO	ON	APERIODIC	PKT CONDI	ΓΙΟΝ	PERIOD 1
Ü												

TYPE STYPE TID FID MID SID TIME FLAG TC

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SOURCE

Successful Load Tas	oadTaskExecut k command execu	4 tion	1	N/A	N/A	N/A	18	Y		TBD	
ERROR CODE 0	ERROR FLAC	3 P	ERIODIO	C PKT	CON	DITIO	ON	APERIODIC	PKT COND	ITION PERIO	D
		4 ontains th	2 ne error id	N/A entifie	N/A r of a j	N/A problei	81 m foun			SOURCE TBD munication	
ERROR CODE 0	ERROR FLAC	; P	ERIODIO	C PKT	CON	DITIO	ON	APERIODIC	PKT COND	ITION PERIO	D
	NAME d Initializat. This TM packet co	TYPE 4 ontains a	3	N/A	N/A	N/A	112	Y failed execution	TC  n of the EMD	SOURCE TBD	
ERROR CODE 0	ERROR FLAC	G P	ERIODIO	CPKT	CON	DITIO	ON	APERIODIC	PKT COND	ITION PERIO	D
		4 is the HE	3 BR channe	N/A l ident	N/A ifier w	N/A	115	TIME FLAG Y ifo has been fou	TC	SOURCE TBD y full. The	
ERROR CODE 0	ERROR FLAC		ERIODIC	•		DITIO	ON	APERIODIC	PKT COND	ITION PERIO	D
	NAME Control Alarm	ТҮРЕ	-			MID		TIME FLAG	TC	SOURCE	
Thermal Control Ala depending on the the	ırm This TM pack			ation al	bout fo		ane ter		ding of prede	TBD fined limits	
Thermal Control Ala	ırm This TM pack	et contain	ns informa	ation al ntamin	bout fo	ocal pla or anno	ane ter ealing)	mperature excee		fined limits	)D
Thermal Control Ala depending on the the ERROR CODE  0  TPN	arm This TM packermal mode (opera  ERROR FLAC  NAME  Closed Report	et containting, deid  F  TYPE  4	ns informacing, deco ERIODIC  STYPE 2	ntion al ntamin	bout for action CON	ocal place or anno ocal place ocal place or anno ocal place	ane ter ealing) ON	nperature exceed of the EMCH.		fined limits  ITION PERIO	D
Thermal Control Ala depending on the the ERROR CODE  0  TPN 40015 FW Not	arm This TM packermal mode (opera  ERROR FLAC  NAME  Closed Report	TYPE 4 the Filte	ns informacing, deco ERIODIC  STYPE 2	ntion al ntamin C PKT TID N/A	FID N/A	ocal pla or anno IDITIO MID N/A	ane terealing) ON SID 82	mperature exceed of the EMCH.  APERIODIC  TIME FLAG  Y  APERIODIC	PKT COND	fined limits  ITION PERIO  1  SOURCE  TBD	
Thermal Control Ala depending on the the ERROR CODE  0  TPN 40015 FW Not This TM packet reported to the FROR CODE  0  TPN 10	rm This TM packermal mode (opera  ERROR FLAC  NAME  Closed Report orts the position of  ERROR FLAC  none  NAME  Bright Pixel T.	et containting, deid Filte P  TYPE 4 the Filte P  TYPE 5	ns informating, decorating, decorating, decorating the seriod of the ser	TID N/A C PKT non TID 255	FID N/A CON E FID 137	ocal place or anno MID N/A MID N/A MID N/A	ane terealing) ON SID 82 ON SID N/A	mperature exceed of the EMCH.  APERIODIC  TIME FLAG Y  APERIODIC  TIME FLAG Y	PKT COND	fined limits  ITION PERIO  1  SOURCE  TBD  ITION PERIO	
Thermal Control Ala depending on the the BERROR CODE  TPN 40015 FW Not This TM packet report  ERROR CODE  0  TPN 40017 HBR7 H	rm This TM packermal mode (opera  ERROR FLAC  NAME  Closed Report orts the position of  ERROR FLAC  none  NAME  Bright Pixel T.	TYPE 4 the Filte Filte 5 cket contains	ns informating, decorating, decorating, decorating the seriod of the ser	TID N/A  C PKT non  TID 255 right p	bout for aution  CON  FID  N/A  CON  E  FID  137	MID N/A MID N/A MID N/A Able of	ane ter ealing) DN SID 82 DN SID N/A the HE	mperature exceed of the EMCH.  APERIODIC  TIME FLAG Y  APERIODIC  TIME FLAG Y	PKT COND TC PKT COND none TC	fined limits  ITION PERIO  1  SOURCE TBD  ITION PERIO  1  SOURCE TBD	<b>D</b> D
Thermal Control Aladepending on the the depending of the depending on the depending of t	rm This TM packermal mode (opera  ERROR FLAC  NAME Closed Report orts the position of  ERROR FLAC none  NAME Bright Pixel T. Table This TM packerman The Pixel T.  ERROR FLAC  NAME Bright Pixel T.	TYPE 4 the Filte 5 cket cont G P  TYPE 5 TYPE 5 Cket cont G P  TYPE 5	ns informating, decorring, decorr	ation al Intamin TID N/A TID N/A TID 255 TID 255 TID 255	bout for aution  CON  FID N/A  CON  FID 137  ixel ta  CON  FID 138	MID N/A MID N/A MID N/A MID N/A MID N/A MID N/A	ane terrealing) DN SID 82 DN SID N/A SID N/A SID N/A	mperature exceed of the EMCH.  APERIODIC  TIME FLAG Y  APERIODIC  TIME FLAG Y  BR 7 channel.  APERIODIC  TIME FLAG Y  TIME FLAG Y	PKT COND TC PKT COND none TC	fined limits  ITION PERIO  1  SOURCE TBD  ITION PERIO 1  SOURCE TBD	<b>D</b> D

TPN

TYPE STYPE TID FID MID SID TIME FLAG TC

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SOURCE

40019 HBR C	Configuration 5	4 25	5 128 N/A	N/A	Y		TBD
HBR Configuration	This TM packet contain	ns the activation a	nd the processi	ng of s	status for all the l	HBR channels.	
ERROR CODE	ERROR FLAG	PERIODIC PE	KT CONDITIO	ON	APERIODIC I	PKT CONDITIO	ON PERIOD
TPN N	NAME TYP	PE STYPE TI	D FID MID	SID	TIME FLAG	TC	SOURCE
	Buffer Size 5		5 129 N/A		Y		TBD
HBR Buffer Size Th	is TM packet contains t	the buffer allocati	on for all the H	IBR ch	annels.		
ERROR CODE 0	ERROR FLAG	PERIODIC PI	KT CONDITIO	ON	APERIODIC 1	PKT CONDITIO	ON PERIOD 1
TPN N	NAME TYP	PE STYPE TI	D FID MID	SID	TIME FLAG	TC	SOURCE
	SR 1 BPT 5		5 131 N/A		Y		TBD
HBR 1 Bright Pixel	Table This TM packet of	contains the brigh	t pixel table of	the HE	BR 1 channel.		
ERROR CODE 0	ERROR FLAG	PERIODIC PI	KT CONDITIO	ON	APERIODIC 1	PKT CONDITIO	ON PERIOD 1
TPN N	NAME TYP	PE STYPE TI	D FID MID	SID	TIME FLAG	TC	SOURCE
	hold Values 5		5 130 N/A		Y		TBD
Threshold Values Th	is TM packet contains	the low/high thre	shold values fo	r all th	e HBR channels		
ERROR CODE 0	ERROR FLAG	PERIODIC PE	KT CONDITIO	ON	APERIODIC I	PKT CONDITIO	ON PERIOD
		PE STYPE TI				TC	SOURCE
	eating Config. 5		5 144 N/A		Y	and in the differen	TBD
extraheating submod	aration This TM packet es.	contains the rela	y configuration	i and th	ie saiety iiiiits u	sed in the differe	III
ERROR CODE 0	ERROR FLAG	PERIODIC PH	KT CONDITIO	ON	APERIODIC I	PKT CONDITIO	ON PERIOD 1
TPN N	NAME TYP	PE STYPE TI	D FID MID	SID	TIME FLAG	TC	SOURCE
	Monit. Limits 5		5 160 N/A		Y		TBD
	Limits This TM packet ntrol of the focal plane		ety temperature	limits	used by EMDH	when the normal	
	•		zm CONDITU	ON	APERIORICA		ON PEDIOD
ERROR CODE 0	ERROR FLAG	PERIODIC PI	XI CONDIII	UN	APERIODIC	PKT CONDITIO	ON PERIOD 1
TPN N	NAME TYP	PE STYPE TI	D FID MID	SID	TIME FLAG	TC	SOURCE
	Memory Dump 6		A N/A 0	N/A	Y		TBD
EMDH Memory Dui	np This TM packet cor	ntains the requeste	ed EMDH mem	iory du	ımp.		
ERROR CODE 0	ERROR FLAG	PERIODIC PE	KT CONDITIO	ON	APERIODIC 1	PKT CONDITIO	ON PERIOD
TPN N	NAME TYI	PE STYPE TI	n Fin Min	SID	TIME FLAC	TC	SOURCE
	Table Dump 6		A N/A 1	N/A	Y	10	TBD
	This TM packet contai						
Pattern/Mask, Seque dedicated TCs.	nce, Offset or Test Ima	ge tables when re	ad from the EN	MCR E	DUs, EMAE or	EMCR Memory	area by
ERROR CODE	ERROR FLAG	PERIODIC PE	KT CONDITION	ON	APERIODIC I	PKT CONDITION	ON PERIOD
0							1

TPN

TYPE STYPE TID FID MID SID TIME FLAG TC

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SOURCE

	NAME Memory Dump	<b>FYPE</b>   6	STYPE 2	TID FI		SID N/A	TIME FLAG Y	TC	SOUR(	
EMCR Memory Dur	, ,								155	
ERROR CODE	ERROR FLAG	PE	RIODIC	СРКТ С	ONDITI	ON	APERIODIC 1	PKT CONDITION	ON	PERIOD 1
	H Memory	6	3	N/A N	'A 0	N/A	TIME FLAG Y ed EMDH memo	TC  ry area by the de	SOURO TBD dicated	
ERROR CODE 0	ERROR FLAG	PE	RIODIC	СРКТ С	ONDITI	ON	APERIODIC I	PKT CONDITION	ON	PERIOD 1
	R Memory	6	3	N/A N	/A 16	N/A	TIME FLAG Y d EMCR memor	TC y area by the dec	SOURO TBD dicated	
ERROR CODE 0	ERROR FLAG	PE	CRIODIC	C PKT C	ONDITI	ON	APERIODIC I	PKT CONDITION	ON	PERIOD 1
	neration Status	9	1	N/A N	A N/A	N/A	TIME FLAG Y ration enabled or	TC disabled) of eac	SOURO TBD h TM	
ERROR CODE 0	ERROR FLAG	PE	CRIODIC	C PKT C	ONDITI	ON	APERIODIC I	PKT CONDITION	ON	PERIOD 1
	erific. Report	10	5	N/A N	A N/A	N/A	N Board Time.	TC	SOUR(	
ERROR CODE	ERROR FLAG	PE	RIODIC	C PKT C	ONDITI	ON	APERIODIC I	PKT CONDITION	ON	PERIOD 1
	ging Data M packet contains	15 the valid	1 events, i	N/A N/n full for	A N/A mat, dete	1 cted by			SOUR(	
ERROR CODE 0	ERROR FLAG	PE	RIODIC	СРКТ С	ONDITI	ON	APERIODIC I	PKT CONDITION	ON	PERIOD 1
	Reduced Data ata This TM packet	15 contains	1 the valid	N/A N/l events,	A N/A in reduce	2 d form			SOURO TBD	
ERROR CODE 0	ERROR FLAG	PE	CRIODIC	СРКТ С	ONDITI	ON	APERIODIC 1	PKT CONDITION	ON	PERIOD 1
	ning Data M packet contains t	15 he valid	2 events, in	N/A N	/A N/A nat, detec	3 ted by			SOURO TBD	
ERROR CODE 0	ERROR FLAG	PE	RIODIC	C PKT C	ONDITI	ON	APERIODIC 1	PKT CONDITION	ON	PERIOD 1
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										I	ippendix 11
	NAME sing Compres. Data	15	2	N/A	N/A	N/A	4	TIME FLAG N	TC	SOUF TB	D
during the obser	ssed Data This TM pa vation. Additionally										CS .
found in the pac ERROR COD		.G PI	ERIODIC	PKT	CON	DITIC	ON	APERIODIC	PKT CONDITI	ION	PERIOD 1
<b>TPN</b> 40039	NAME Diagnostic Data	<b>TYPE</b> 15	<b>STYPE</b> 3	TID N/A			<b>SID</b> 5	TIME FLAG N	TC	SOUF	
	This TM packet cont de. Additionally to va										
ERROR COD	E ERROR FLA	.G PI	ERIODIC	PKT	CON	DITIC	ON	APERIODIC	PKT CONDITI	ION	PERIOD 1
	NAME fset/Variance Data	15	4	N/A	N/A	N/A	6	TIME FLAG N	TC	SOUI TB	_
	TM packet contains set Additionally to v										cket.
ERROR COD	E ERROR FLA	.G PI	ERIODIC	PKT	CON	DITIC	ON	APERIODIC	PKT CONDITI	ION	PERIOD 1
	NAME R2 Bright Pixel T.	5	4	255	132	N/A	N/A	TIME FLAG Y	TC	SOUI TB	
nbk 2 brigin P	ixel Table This TM p	acket conta	ains the b	right p	ixei ta	ible of	ше пг	ok 2 channel.			
ERROR COD	E ERROR FLA	.G PI	ERIODIC	CPKT	CON	DITIC	ON	APERIODIC	PKT CONDITI	ION	PERIOD 1
	NAME R3 Bright Pixel T. ixel Table This TM p	5	4	255	133	N/A	N/A	TIME FLAG Y 3R 3 channel.	TC	TB	
ERROR COD	E ERROR FLA	.G PI	ERIODIC	C PKT	CON	DITIC	ON	APERIODIC	PKT CONDITI	ION	PERIOD 1
	NAME R4 Bright Pixel T.	5	4	255	134	N/A	N/A	TIME FLAG Y	TC	SOUL	
HBR 4 Bright P	ixel Table This TM p	acket conta	ains the b	right p	ixel ta	ible of	the H	3R 4 channel.			
ERROR COD	E ERROR FLA	.G PI	ERIODIC	PKT	CON	DITIC	ON	APERIODIC	PKT CONDITI	ION	PERIOD 1
	NAME R5 Bright Pixel T. ixel Table This TM p	5	4	255	135	N/A	N/A	TIME FLAG Y BR 5 channel.	TC	SOUF TB	
ERROR COD	E ERROR FLA	.G PI	ERIODIC	C PKT	CON	DITIC	ON	APERIODIC	PKT CONDITI	ION	PERIOD 1
	<b>NAME</b> R6 Bright Pixel T. ixel Table This TM p	5	4	255	136	N/A	N/A	TIME FLAG Y 3R 6 channel.	TC	SOUI TB	
ERROR COD	E ERROR FLA	.G PI	ERIODIC	C PKT	CON	DITIC	ON	APERIODIC	PKT CONDITI	ION	PERIOD 1

### EMCS TM PACKET DETAILED LIST

											Appen	UIA II
TPN 40046 Imaging Co	Imaging	AME Coun. Fr. R. This Report This	15	4	N/A	N/A	N/A	7	TIME FLAG  N cientific data rec	TC reived in the period	SOURCE TBD od in	
which the E	MDH is i	n imaging count	ing mode	-								
ERROR (	CODE	ERROR FLA	.G P	ERIODIO	C PKT	CON	NDITIO	ON	APERIODIC	PKT CONDITION	ON PERI	
TPN 40047 Timing Cou	Timing (	AME Coun. Fra. R. me Report This	15	4	N/A	N/A	N/A	8	TIME FLAG  N ientific data rece	TC eived in the period	SOURCE TBD	
_	_	n timing countin										
ERROR (	CODE	ERROR FLA	.G P	ERIODIO	C PKT	CON	NDITIO	ON	APERIODIC	PKT CONDITION	ON PERI	
TPN 40048 Unsuccessfo	UnsuccS	AME witchOpening Opening on Cur	4	3	N/A		MID N/A	SID 125	TIME FLAG Y	TC	SOURCE TBD	
ERROR (	CODE	ERROR FLA	.G P	ERIODIO	C PKT	r con	NDITIO	ON	APERIODIC	PKT CONDITION	ON PERI	
TPN 40049 Current Lin	Currentl	AME LimiterActiv	<b>TYPE</b> 4	<b>STYPE</b> 3			MID N/A	<b>SID</b> 126	TIME FLAG Y	TC	SOURCE TBD	
ERROR (	CODE	ERROR FLA	G P	ERIODIO	C PKT		NDITIO	ON	APERIODIC	PKT CONDITION	ON PERI	_
	UnsCom/	AC-IncorrecCH and Acceptance of	3	2	N/A	N/A	N/A	N/A	TIME FLAG Y contains a report	TC indicating the TC	SOURCE TBD	
										efore it has been		
ERROR (	CODE	ERROR FLA	.G P	ERIODIO	C PKT	CON	NDITIO	ON	APERIODIC	PKT CONDITION	ON PERI	
Unsuccessfi	UnsComE ul Comma			4 managem	N/A ent T	N/A C: wro	N/A	N/A mory s		TC nemory length The executed by EM		
<b>ERROR (</b>		ERROR FLA	.G P	ERIODIO	C PKT	CON	NDITIO	ON	APERIODIC	PKT CONDITION	ON PERI	
Unsuccessfi	UnsComA ul Comma	AME ac-IllegalTYPE and Acceptance on thas not been c	3 due to ille	2 egal PKT T	N/A TYPE	N/A This T	N/A M pac	N/A ket coi		TC  indicating the TC is been rejected.	SOURCE TBD dentified	
ERROR (	CODE	ERROR FLA	.G P	ERIODIO	C PKT	CON	NDITIO	ON	APERIODIC	PKT CONDITION	ON PERI	_
	UnsCor ul Comma	AME nEx-EMDH and Execution: I ant has not been	3 EMDH LO	4 C-queue is	N/A full u	N/A p This	N/A	N/A	Y contains a report	TC indicating the TC	SOURCE TBD	
<b>ERROR (</b> 132		ERROR FLA	G P	ERIODIO	C PKT	r con	NDITIO	ON	APERIODIC	PKT CONDITION	ON PERI	

TYPE STYPE TID FID MID SID TIME FLAG TC

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SOURCE

40303 UnsComAc-I	llegalSTYP 3	2 N/A N/A	N/A N/A	Y	10 80	TBD
Unsuccessful Command identified by the Sequence	Acceptance due to ille	gal PKT SUBTYPE	Γhis TM pack	et contains a repo		
ERROR CODE E	RROR FLAG P	ERIODIC PKT CO	NDITION	APERIODIC I	PKT CONDITION	PERIOD 1
TPN NAM 40304 UnsComEx-C Unsuccessful Command	OtherMemor 3 Execution on memory	4 N/A N/A management TC: EM	N/A N/A IDH SW is ex	Y ecuting another r	nemory managemer	
This TM packet contains EMCS.  ERROR CODE E 133		TC identified by the ERIODIC PKT CO	•		correctly executed b	
TPN NAM 40403 UnsComAc-I Unsuccessful Command by the Sequence Count h	IllegLength 3 Acceptance due to illeg	gal PKT length This	N/A N/A TM packet cor	Y ntains a report inc	licating the TC iden	OURCE TBD tified
, ,	,	ERIODIC PKT CO	Ž		PKT CONDITION	PERIOD 1
TPN NAM 40404 UnsComEx-	GenericErr 3		N/A N/A	Y		DURCE TBD
Unsuccessful Command the Sequence Count has			acket contains	a report indicati	ng the TC identified	бу
ERROR CODE E	RROR FLAG P	ERIODIC PKT CO	NDITION	APERIODIC I	PKT CONDITION	PERIOD 1
TPN NAM 40503 UnsComAc- Unsuccessful Command by the Sequence Count h	Illegal TID 3 Acceptance due to illeg	gal PKT TID This TM	N/A N/A  M packet conta	Y nins a report indic	cating the TC identif	DURCE TBD ĭed
	•	ERIODIC PKT CO	·		PKT CONDITION	PERIOD 1
TPN NAM 40504 UnsComEx-I Unsuccessful Command	HazardousT 3		N/A N/A	Y		DURCE TBD
indicating the TC identif	ied by the Sequence Co		rectly execute	d by EMCS.	PKT CONDITION	DEDIOD
135	RRUK FLAG F	EKIODIC PKT CO.	NDITION	APERIODIC	KI CONDITION	PERIOD 1
TPN NAM 40603 UnsComAc- Unsuccessful Command the Sequence Count has	Illegal FID 3 Acceptance due to illeg	gal PKT FID This TM	N/A N/A  I packet conta	Y nins a report indic	eating the TC identif	DURCE TBD Ted by
ERROR CODE E	RROR FLAG P	ERIODIC PKT CO	NDITION	APERIODIC I	PKT CONDITION	PERIOD 1
TPN NAM 40604 UnsComEx-I Unsuccessful Command into APEX table This Th correctly executed by EN ERROR CODE E 136	PeriodicPro 3  Execution: a periodic p  M packet contains a rep  MCS.	process in charge of r	N/A N/A nonitoring Tir identified by	Y ne-out on hazard the Sequence Con	ous TC cannot be lo	

TPN

										F	appendix 11
<b>TPN</b> 40703 UnsCor	NAME nAc-IllegalMODE	<b>TYPE</b> 3	<b>STYPE</b> 2			MID N/A		TIME FLAG Y	TC	SOUI TB	
	nmand Acceptance of Count has not been										ed
ERROR CODE 10	ERROR FLA	.G P	ERIODIO	C PKT	CON	DITIO	ON	<b>APERIODIC</b>	PKT CONDI	ΓΙΟΝ	PERIOD 1
<b>TPN</b> 40704 UnsCo	NAME mEx-LBR ProtErr	<b>TYPE</b> 3	STYPE 4			MID N/A		TIME FLAG Y	TC	SOUI TB	
	nmand Execution du Count has not been c					M pack	et con	tains a report inc	dicating the TO	Cidentifie	i
ERROR CODE 238	ERROR FLA	.G P	ERIODIO	C PK1	CON	DITIC	ON	APERIODIC	PKT CONDI	ΓΙΟΝ	PERIOD 1
Unsuccessful Con	NAME omAc-Illegal MID omand Acceptance of Count has not been of	3 due to ille	2 egal PKT M	N/A MID T	N/A his TN	N/A I pack	N/A et cont				D
ERROR CODE	ERROR FLA	.G P	ERIODIO	C PKT	CON	DITIO	ON	APERIODIC	PKT CONDI	ΓΙΟΝ	PERIOD 1
Unsuccessful Con	NAME mEx-WrongO/Vpa mand Execution du ndicating the TC ide	3 ie to wroi	4 ng parame	N/A ters in	N/A Enter	N/A Offset	N/A /Varia			SOUF TB packet	_
ERROR CODE 94	ERROR FLA	.G P	ERIODIO	C PKT	CON	DITIO	ON	APERIODIC	PKT CONDI	<b>FION</b>	PERIOD 1
Unsuccessful Con	NAME mAc-IncorHeader nmand Acceptance of equence Count has	3 due to Inc	2 correct PK	N/A T head	N/A ler Thi	N/A is TM <sub>1</sub>	N/A packet				D
ERROR CODE	•		ERIODIO			•	•	APERIODIC			PERIOD 1
	NAME mEx-TranRefused	3	4	N/A	N/A	N/A	N/A	TIME FLAG Y	TC	SOUI TB	
	nmand Execution du equence Count has							et contains a rep	ort maicating	ine i C	
ERROR CODE 240	ERROR FLA	.G P	ERIODIO	C PKT	CON	DITIO	ON	APERIODIC	PKT CONDI	ΓΙΟΝ	PERIOD 1
	NAME omEx-SafeToIdle omand Execution from	3	4	N/A	N/A	N/A	N/A	TIME FLAG Y ns a report indica	TC ating the TC id	SOUF TB	D
the Sequence Cou ERROR CODE 241	nt has not been corr  ERROR FLA	•	cuted by E			DITIO	ON	APERIODIC	PKT CONDI	ΓΙΟΝ	PERIOD 1
Unsuccessful Con	NAME mEx-ObserToIdle mand Execution from the count has not been counted.	3 om Prime	4 or Fast to	N/A Idle T	N/A his T	N/A	N/A	TIME FLAG Y tains a report inc	TC	SOUF TB	D
ERROR CODE 242		•	ERIODIO	•		DITIO	ON	APERIODIC	PKT CONDI	ΓΙΟΝ	PERIOD 1

### EMCS TM PACKET DETAILED LIST

TYPE STYPE TID FID MID SID TIME FLAG TC

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SOURCE

	NAME TY Ex-DiagnToIdle	<b>PE STYPE</b> 3 4		N/A N/A	TIME FLAG Y	TC S	TBD
	and Execution from I				_	ating the TC identif	
	has not been correctly			<b>.</b>		8	
ERROR CODE 243	ERROR FLAG	PERIODI	C PKT CO	NDITION	APERIODIC	PKT CONDITION	N PERIOD
2.0							-
					TIME FLAG	TC S	SOURCE
	Ex-Of/VaToIdle  and Execution from C	3 4		N/A N/A		indicating the TC	TBD
	uence Count has not b			1	contains a report	indicating the TC	
ERROR CODE	ERROR FLAG	PERIODI	C PKT CO	NDITION	APERIODIC	PKT CONDITION	N PERIOD
244	ZAROK I Zaro	LINIODI	critico.	, DIIION	III LIUOLIO		1
					TIME FLAG	TC S	SOURCE
	Ex-ExHeaToIdl and Execution from E	3 4		N/A N/A M packet con		icating the TC iden	TBD
	and execution from E ant has not been corre	-		wi packet con	tams a report mu	icating the TC iden	uned
ERROR CODE	ERROR FLAG	PERIODI	C PKT CO	NDITION	APERIODIC	PKT CONDITION	N PERIOD
245	ERRORTENG	LEMODI	CTRT CO.	DITION	III ERIODIC	INT CONDITION	1
					TIME FLAG	TC S	SOURCE
	Ex-IFT To Idle and Execution from I	3 4		N/A N/A		dicatina tha TC ida	TBD
	and Execution from I	_		i wi packet co	mans a report in	urcating the TC rde	nunea
ERROR CODE	ERROR FLAG	PERIODI	C PKT CO	NDITION	APERIODIC	PKT CONDITION	N PERIOD
246	ERRORTEAG	IERIODI	CIRICO	INDITION	AI EMODIC	IKI CONDITIO	1
							_
					TIME FLAG	TC S	SOURCE
	Ex-Any To Safe	3 4		N/A N/A		and the state of the	TBD
	and Execution from a quence Count has not be	•			ket contains a rep	oort indicating the I	IC.
ERROR CODE	ERROR FLAG	•	C PKT CO		APERIODIC	PKT CONDITION	N PERIOD
247	ERROR FLAG	PERIODI	CPKICO	NUITION	APERIODIC	PKI CONDITION	1
247							1
		~	TID FID	MID SID	TIME FLAG	TC S	SOURCE
	Ex-IdleToSafe	3 4		N/A N/A			TBD
	and Execution from I not been correctly exe			t contains a re	eport indicating the	he TC identified by	the
•	•	•		NIDITION.	APERIORIG	DVT GOVDITION	. PEDIOD
ERROR CODE 248	ERROR FLAG	PERIODI	C PKT CO	NDITION	APERIODIC .	PKT CONDITION	N PERIOD 1
240							1
TPN	NAME TY	PE STYPE	TID FID	MID SID	TIME FLAG	TC S	SOURCE
	nEx-IdleToIdle	3 4		N/A N/A			TBD
Unsuccessful Comm	and Execution from I not been correctly ex	dle to Idle Thi	s TM packet	contains a re	port indicating th	ne TC identified by	the
ERROR CODE 249	ERROR FLAG	PERIODI	C PKT CO	NDITION	APERIODIC	PKT CONDITION	N PERIOD 1
249							1
TPN	NAME TY	PE STYPE	TID FID	MID SID	TIME FLAG	TC S	SOURCE
	Ex-IdleToPrime	3 4		N/A N/A			TBD
	and Execution from I not been correctly exe			cet contains a	report indicating	the TC identified b	by the
ERROR CODE	ERROR FLAG	PERIODI	C PKT CO	NDITION	APERIODIC	PKT CONDITION	N PERIOD
250							1

TPN

### EMCS TM PACKET DETAILED LIST

<b>TPN</b> 42104		NAME Ex-IdleToFast	<b>TYPE</b> 3	STYPE 4			MID N/A		TIME FLAG Y	TC	SOUR TBI	
		and Execution fro not been correctly				oacket	contain	ns a rej	port indicating th	ne TC identi	fied by the	
ERROR 25		ERROR FLAC	G P	PERIODIO	C PKT	CON	NDITIO	ON	APERIODIC 1	PKT CONI	OITION	PERIOD 1
	UnsComE	NAME Ex-IdleToDiagn and Execution fro	3 m Idle to	4 Diagnost	N/A tic Thi	N/A s TM	N/A	N/A	TIME FLAG Y ns a report indica	TC ating the TC	SOUR TBI Cidentified by	)
ERROR 252	CODE	ERROR FLAC	•	cuted by E			NDITIO	ON	APERIODIC 1	PKT CONI	OITION	PERIOD 1
	UnsComE	NAME  Ex-IdleToOf/Va  and Execution fro  uence Count has r	3 m Idle to	4 o Offset ar	N/A nd Var	N/A iance	N/A This Tl	N/A M pack	TIME FLAG Y tet contains a rep	TC	SOUR TBI ng the TC	
ERROR 253		ERROR FLAC	G P	PERIODIO	C PKT	r con	NDITIO	ON	APERIODIC 1	PKT CONI	DITION	PERIOD 1
	UnsComI sful Comm	NAME  Ex-IdleToExHe and Execution fro the country has not been country.	3 m Idle to	4 Extrahea	N/A ting T	N/A his TN	N/A	N/A	TIME FLAG Y ains a report ind	TC icating the T	SOUR TBI	_
ERROR 254		ERROR FLAC	G P	PERIODIO	C PKT	r con	NDITIO	ON	APERIODIC 1	PKT CONI	OITION	PERIOD 1
	UnsCom	NAME Ex-Idle To IFT and Execution fro uence Count has r	3 m Idle to not been	4 o In-Flight correctly 6	N/A Test	N/A mode ' ed by	N/A This TI EMCS	N/A M pack	_			
ERROR 25:		ERROR FLAC	G P	ERIODIO	C PK1	r con	DITIO	ON	APERIODIC 1	PKT CONI	OITION	PERIOD 1