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<b>Title</b>	TC/TM DATABASE FOR THE EPIC PN CAMERA SYSTEM (EPCS)
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<b>Handle</b>	<a href="http://hdl.handle.net/20.500.12386/33399">http://hdl.handle.net/20.500.12386/33399</a>

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
<b>F0001</b>	<b>EnterSafeStandBy</b>	<b>5</b>	<b>5</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>0</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3955**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	5

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:00//**

Bit	Width	Name	F/V	Value
0	8	MODE	F	0

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
9	0	8	FIX		F	none	0	0	0						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0002</i>	<i>Enter Idle Mode</i>	<i>5</i>	<i>5</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>1</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3955**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	5

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:01//**

Bit	Width	Name	F/V	Value
0	8	MODE	F	1

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
9	0	8	FIX		F	none	0	0	0						

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
<b>F0003</b>	<b>EnterObservation</b>	<b>5</b>	<b>5</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>2</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3955**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	5

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:02//**

Bit	Width	Name	F/V	Value
0	8	MODE	F	2

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
9	0	8	FIX		F	none	0	0	0						

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0005	EnterOffsetNoise	5	5	N/A	N/A	N/A	4

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3955**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	5

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:04//**

Bit	Width	Name	F/V	Value
0	8	MODE	F	4

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
9	0	8	FIX		F	none	0	0	0						
10	0	8	F0001	Offset/Noise Sel	V	n/a		1	16						
<b>RAW</b>				<b>MEANING</b>											
1				Offset Table											
16				Noise Table											
11	0	8	F0002	Readout Number	V	n/a		1	100						
<b>CURVE</b>															
12	0	16	F0003	CCD Start Line	V	n/a		0	196	F1501	50002		10	0	
<b>CURVE</b>															
14	0	16	F0004	CCD Stop Line	V	n/a		0	196	F1502	50002		11	0	
<b>CURVE</b>															

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
<b>F0006</b>	<b>Enter Diagnostic</b>	<b>5</b>	<b>5</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>5</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3955**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	5

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:05//**

Bit	Width	Name	F/V	Value
0	8	MODE	F	5

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
9	0	8	FIX		F	none	0	0	0						
10	0	12	FIX		F	none	0	0	0						
11	4	4	F0005	CCD identifier	V	n/a		0	2						
<b>RAW</b>			<b>MEANING</b>												
12	0	16	F0003	CCD Start Line	V	n/a		0	196						
<b>CURVE</b>															
14	0	16	F0006	ReadoutFrameNumb	V	n/a		0	100						
<b>CURVE</b>															

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
<b>F0007</b>	<b>EnterExtraheatin</b>	<b>5</b>	<b>5</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>6</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3955**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	5

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:06//**

Bit	Width	Name	F/V	Value
0	8	MODE	F	6

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
9	0	8	FIX		F	none	0	0	0						
10	0	8	F0007	Min Temp Mon Val	V	n/a									
11	0	8	F0008	Max Temp Mon Val	V	n/a									

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0008	EnterInFlightTst	5	5	N/A	N/A	N/A	16

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3955**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	5

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:10//**

Bit	Width	Name	F/V	Value
0	8	MODE	F	16

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
9	0	8	FIX		F	none	0	0	0						
10	0	16	F0009	InFlightTestMode	V	n/a		0	1						
<b>RAW</b>				<b>MEANING</b>											
0				EPCS											
1				EPDH											

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
<b>F0009</b>	<b>EnterEPDHBASICSW</b>	<b>5</b>	<b>1</b>	<b>252</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3951**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	1

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FC00**

Bit	Width	Name	F/V	Value
0	8	TID	F	252
8	8	Spare	F	0

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE BIT W PREF NAME F/V UNIT VALUE MINVAL MAXVAL TM VER TPN BYTE BIT VALUE

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
<b>F0010</b>	<b>ExitEPDHBASICSW</b>	<b>5</b>	<b>2</b>	<b>252</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3952**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	2

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FC00**

Bit	Width	Name	F/V	Value
0	8	TID	F	252
8	8	Spare	F	0

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE BIT W PREF NAME F/V UNIT VALUE MINVAL MAXVAL TM VER TPN BYTE BIT VALUE

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
<b>F0011</b>	<b>Load EPDH Memory</b>	<b>6</b>	<b>1</b>	<b>N/A</b>	<b>N/A</b>	<b>0</b>	<b>N/A</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3961**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	6
12	4	Packet Subtype	F	1

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:0000**

Bit	Width	Name	F/V	Value
0	16	MID	F	0

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

**Offset Word 5: variable**

Bit	Width	Name	F/V	Value
0	32	Start Address	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
------	-----	---	------	------	-----	------	-------	--------	--------	----	-----	-----	------	-----	-------

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
<b>F0014</b>	<b>StartPeriodTask</b>	<b>5</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>N/A</b>	<b>N/A</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:0003**

Bit	Width	Name	F/V	Value
0	8	TID	F	0
8	8	FID	F	3

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	16	F0010	Proc/Task Ident.	V	n/a									
<b>RAW</b>			<b>MEANING</b>												

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0015</i>	<i>StartSporadTask</i>	<i>5</i>	<i>3</i>	<i>1</i>	<i>3</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:0103**

Bit	Width	Name	F/V	Value
0	8	TID	F	1
8	8	FID	F	3

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	16	F0010	Proc/Task Ident.	V	n/a									
<b>RAW</b>	<b>MEANING</b>														

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
<b>F0016</b>	<b>StopPeriodicTask</b>	<b>5</b>	<b>3</b>	<b>0</b>	<b>4</b>	<b>N/A</b>	<b>N/A</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:0004**

Bit	Width	Name	F/V	Value
0	8	TID	F	0
8	8	FID	F	4

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	16	F0010	Proc/Task Ident.	V	n/a									
<b>RAW</b>			<b>MEANING</b>												

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
<b>F0017</b>	<b>Suspend Task</b>	<b>5</b>	<b>5</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>32</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3955**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	5

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:20//**

Bit	Width	Name	F/V	Value
0	8	MODE	F	32

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
9	0	8	FIX		F	none	0	0	0						
10	0	16	F0010	Proc/Task Ident.	V	n/a									
<b>RAW</b>			<b>MEANING</b>												
12	0	16	F0011	Locking Time	V	n/a									
<b>CURVE</b>															

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
<b>F0018</b>	<b>Resume Task</b>	<b>5</b>	<b>5</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>33</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3955**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	5

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:21//**

Bit	Width	Name	F/V	Value
0	8	MODE	F	33

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
9	0	8	FIX		F	none	0	0	0						
10	0	16	F0010	Proc/Task Ident.	V	n/a									
<b>RAW</b>			<b>MEANING</b>												

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
<b>F0019</b>	<b>LoadSporadicTask</b>	<b>5</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>N/A</b>	<b>N/A</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:0101**

Bit	Width	Name	F/V	Value
0	8	TID	F	1
8	8	FID	F	1

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	16	F0012	EPDH TaskStartAd	V	n/a									
<b>CURVE</b>															
12	0	16	F0013	OverrunTolerance	V	n/a									
<b>RAW MEANING</b>															
14	0	16	F0014	MaxOvrrunCounter	V	n/a									
<b>CURVE</b>															
16	0	16	F0015	EPDHTaskPriority	V	n/a									
<b>CURVE</b>															

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0020	LoadPeriodicTask	5	3	0	1	N/A	N/A

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:0001**

Bit	Width	Name	F/V	Value
0	8	TID	F	0
8	8	FID	F	1

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	16	F0012	EPDH TaskStartAd	V	n/a									
<b>CURVE</b>															
12	0	16	F0016	EPDH Task Period	V	n/a									
<b>CURVE</b>															
14	0	16	F0017	EPDH Task Phase	V	n/a									
<b>CURVE</b>															
16	0	16	F0013	OverrunTolerance	V	n/a									
<b>RAW</b>															
18	0	16	F0014	MaxOvrrunCounter	V	n/a									
<b>CURVE</b>															
20	0	16	F0018	EPDH Task Status	V	n/a									
<b>RAW</b>															
22	0	16	F0011	Locking Time	V	n/a									
<b>CURVE</b>															
24	0	16	F0015	EPDHTaskPriority	V	n/a									
<b>CURVE</b>															

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
<b>F0021</b>	<b>UnloadPeriodTask</b>	<b>5</b>	<b>3</b>	<b>0</b>	<b>2</b>	<b>N/A</b>	<b>N/A</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:0002**

Bit	Width	Name	F/V	Value
0	8	TID	F	0
8	8	FID	F	2

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	16	F0010	Proc/Task Ident.	V	n/a									
<b>RAW</b>			<b>MEANING</b>												

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0022</i>	<i>UnloadSporadTask</i>	<i>5</i>	<i>3</i>	<i>1</i>	<i>2</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:0102**

Bit	Width	Name	F/V	Value
0	8	TID	F	1
8	8	FID	F	2

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	16	F0010	Proc/Task Ident.	V	n/a									
<b>RAW</b>			<b>MEANING</b>												

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
<b>F0030</b>	<b>Test Command</b>	<b>13</b>	<b>1</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:39D1**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	13
12	4	Packet Subtype	F	1

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
------	-----	---	------	------	-----	------	-------	--------	--------	----	-----	-----	------	-----	-------

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0031</i>	<i>LoadHBRCConfigur</i>	<i>5</i>	<i>3</i>	<i>255</i>	<i>128</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FF80**

Bit	Width	Name	F/V	Value
0	8	TID	F	255
8	8	FID	F	128

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	4	FIX		F	none	0	0	0						
10	4	1	F0022	HBR4 SelecStatus	V	n/a		0	1						
<b>RAW</b>	<b>MEANING</b>														
0	Not Selected														
1	Selected														
10	5	1	F0021	HBR3 SelecStatus	V	n/a		0	1						
<b>RAW</b>	<b>MEANING</b>														
0	Not Selected														
1	Selected														
10	6	1	F0020	HBR2 SelecStatus	V	n/a		0	1						
<b>RAW</b>	<b>MEANING</b>														
0	Not Selected														
1	Selected														
10	7	1	F0019	HBR1 SelecStatus	V	n/a		0	1						
<b>RAW</b>	<b>MEANING</b>														
0	Not Selected														
1	Selected														
11	0	4	FIX		F	none	0	0	0						
11	4	1	F0026	HBR4 ActivStatus	V	n/a		0	1	F2041	50020		11	4	
<b>RAW</b>	<b>MEANING</b>														
0	Not Active														
1	Active														
11	5	1	F0025	HBR3 ActivStatus	V	n/a		0	1	F2040	50020		11	5	
<b>RAW</b>	<b>MEANING</b>														
0	Not Active														
1	Active														
11	6	1	F0024	HBR2 ActivStatus	V	n/a		0	1	F2039	50020		11	6	
<b>RAW</b>	<b>MEANING</b>														
0	Not Active														
1	Active														

11	7	1	F0023	HBR1 ActivStatus	V	n/a	0	1	F2038	50020	11	7
<b>RAW</b>	<b>MEANING</b>											
0	Not Active											
1	Active											
12	0	16	F0027	HBR1 ProcessMode	V	n/a	1	6	F2027	50020	12	0
<b>RAW</b>	<b>MEANING</b>											
0	Disabled											
1	ImaFullFrame											
2	ImaLargeWind											
3	ImaSmallWind											
4	Timing											
5	Burst											
6	Transparent											
14	0	2	FIX		F	none	0	0	F2042	50020	14	0
14	2	2	F0171	HBR1QuadrantMode	V	n/a	0	3	F2046	50020	14	2
<b>RAW</b>	<b>MEANING</b>											
0	Normal											
3	Transparent											
14	4	4	F0031	HBR 1 CCD 0 mode	V	n/a	0	5	F2015	50020	14	4
<b>RAW</b>	<b>MEANING</b>											
0	Not Active											
1	Imaging FF											
2	Imaging LW											
3	Imaging SW											
4	Timing											
5	Burst											
15	0	4	F0032	HBR 1 CCD 1 mode	V	n/a	0	5	F2016	50020	15	0
<b>RAW</b>	<b>MEANING</b>											
0	Not Active											
1	Imaging FF											
2	Imaging LW											
3	Imaging SW											
4	Timing											
5	Burst											
15	4	4	F0033	HBR 1 CCD 2 mode	V	n/a	0	5	F2017	50020	15	4
<b>RAW</b>	<b>MEANING</b>											
0	Not Active											
1	Imaging FF											
2	Imaging LW											
3	Imaging SW											
4	Timing											
5	Burst											
16	0	16	F0028	HBR2 ProcessMode	V	n/a	1	6	F2028	50020	16	0
<b>RAW</b>	<b>MEANING</b>											
0	Disabled											
1	ImaFullFrame											
2	ImaLargeWind											
3	ImaSmallWind											
4	Timing											
5	Burst											
6	Transparent											
18	0	2	FIX		F	none	1	1	F2043	50020	18	0
18	2	2	F0172	HBR2QuadrantMode	V	n/a	0	3	F2047	50020	18	2
<b>RAW</b>	<b>MEANING</b>											
0	Normal											
3	Transparent											
18	4	4	F0034	HBR 2 CCD 0 mode	V	n/a	0	5	F2018	50020	18	4
<b>RAW</b>	<b>MEANING</b>											
0	Not Active											
1	Imaging FF											
2	Imaging LW											
3	Imaging SW											
4	Timing											

5	Burst											
19	0 4 F0035	HBR 2 CCD 1 mode	V	n/a		0	5	F2019	50020	19	0	
<b>RAW</b>	<b>MEANING</b>											
0	Not Active											
1	Imaging FF											
2	Imaging LW											
3	Imaging SW											
4	Timing											
5	Burst											
19	4 4 F0036	HBR 2 CCD 2 mode	V	n/a		0	5	F2020	50020	19	4	
<b>RAW</b>	<b>MEANING</b>											
0	Not Active											
1	Imaging FF											
2	Imaging LW											
3	Imaging SW											
4	Timing											
5	Burst											
20	0 16 F0029	HBR3 ProcessMode	V	n/a		1	6	F2029	50020	20	0	
<b>RAW</b>	<b>MEANING</b>											
0	Disabled											
1	ImaFullFrame											
2	ImaLargeWind											
3	ImaSmallWind											
4	Timing											
5	Burst											
6	Transparent											
22	0 2 FIX		F	none	2	2	2	F2044	50020	22	0	
22	2 2 F0173	HBR3QuadrantMode	V	n/a		0	3	F2048	50020	22	2	
<b>RAW</b>	<b>MEANING</b>											
0	Normal											
3	Transparent											
22	4 4 F0037	HBR 3 CCD 0 mode	V	n/a		0	5	F2021	50020	22	4	
<b>RAW</b>	<b>MEANING</b>											
0	Not Active											
1	Imaging FF											
2	Imaging LW											
3	Imaging SW											
4	Timing											
5	Burst											
23	0 4 F0038	HBR 3 CCD 1 mode	V	n/a		0	5	F2022	50020	23	0	
<b>RAW</b>	<b>MEANING</b>											
0	Not Active											
1	Imaging FF											
2	Imaging LW											
3	Imaging SW											
4	Timing											
5	Burst											
23	4 4 F0039	HBR 3 CCD 2 mode	V	n/a		0	5	F2023	50020	23	4	
<b>RAW</b>	<b>MEANING</b>											
0	Not Active											
1	Imaging FF											
2	Imaging LW											
3	Imaging SW											
4	Timing											
5	Burst											
24	0 16 F0030	HBR4 ProcessMode	V	n/a		1	6	F2030	50020	24	0	
<b>RAW</b>	<b>MEANING</b>											
0	Disabled											
1	ImaFullFrame											
2	ImaLargeWind											
3	ImaSmallWind											
4	Timing											
5	Burst											
6	Transparent											

26	0	2	FIX		F	none	3	3	3	F2045	50020	26	0
26	2	0	F0174	HBR4QuadrantMode	F	n/a		0	3	F2049	50020	26	2
<b>RAW</b>				<b>MEANING</b>									
	0			Normal									
	3			Transparent									
26	4	4	F0040	HBR 4 CCD 0 mode	V	n/a		0	5	F2024	50020	26	4
<b>RAW</b>				<b>MEANING</b>									
	0			Not Active									
	1			Imaging FF									
	2			Imaging LW									
	3			Imaging SW									
	4			Timing									
	5			Burst									
27	0	4	F0041	HBR 4 CCD 1 mode	V	n/a		0	5	F2025	50020	27	0
<b>RAW</b>				<b>MEANING</b>									
	0			Not Active									
	1			Imaging FF									
	2			Imaging LW									
	3			Imaging SW									
	4			Timing									
	5			Burst									
27	4	4	F0042	HBR 4 CCD 2 mode	V	n/a		0	5	F2026	50020	27	4
<b>RAW</b>				<b>MEANING</b>									
	0			Not Active									
	1			Imaging FF									
	2			Imaging LW									
	3			Imaging SW									
	4			Timing									
	5			Burst									

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0032</i>	<i>LoadHBRBufferSiz</i>	<i>5</i>	<i>3</i>	<i>255</i>	<i>129</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FF81**

Bit	Width	Name	F/V	Value
0	8	TID	F	255
8	8	FID	F	129

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	0	0	0						
11	0	4	FIX		F	none	0	0	0						
11	4	1	F0022	HBR4 SelecStatus	V	n/a		0	1						
<b>RAW</b>			<b>MEANING</b>												
0				Not Selected											
1				Selected											
11	5	1	F0021	HBR3 SelecStatus	V	n/a		0	1						
<b>RAW</b>			<b>MEANING</b>												
0				Not Selected											
1				Selected											
11	6	1	F0020	HBR2 SelecStatus	V	n/a		0	1						
<b>RAW</b>			<b>MEANING</b>												
0				Not Selected											
1				Selected											
11	7	1	F0019	HBR1 SelecStatus	V	n/a		0	1						
<b>RAW</b>			<b>MEANING</b>												
0				Not Selected											
1				Selected											
12	0	32	F0043	HBR1 BuffStartAdd	V	n/a				F2005		50021	10	0	
<b>CURVE</b>															
16	0	32	F0044	HBR1 BuffEndAdd	V	n/a				F2006		50021	14	0	
<b>CURVE</b>															
20	0	32	F0045	HBR2 BuffStartAdd	V	n/a				F2007		50021	18	0	
<b>CURVE</b>															
24	0	32	F0046	HBR2 BuffEndAddr	V	n/a				F2008		50021	22	0	
<b>CURVE</b>															

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<b>28</b> <b>CURVE</b>	0	32	F0047	HBR3BuffStartAdd	V	n/a	F2009	50021	26	0
<b>32</b> <b>CURVE</b>	0	32	F0048	HBR3 BuffEndAddr	V	n/a	F2010	50021	30	0
<b>36</b> <b>CURVE</b>	0	32	F0049	HBR4BuffStartAdd	V	n/a	F2011	50021	34	0
<b>40</b> <b>CURVE</b>	0	32	F0050	HBR4 BuffEndAddr	V	n/a	F2012	50021	38	0

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
<b>F0036</b>	<b>LoadThermMonLim</b>	<b>5</b>	<b>3</b>	<b>255</b>	<b>160</b>	<b>N/A</b>	<b>N/A</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FFA0**

Bit	Width	Name	F/V	Value
0	8	TID	F	255
8	8	FID	F	160

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	F0051	TherMonUppTemL	V	n/a				F2013	50022	10	0		
<b>CURVE</b>															
11	0	8	F0052	TherMonLowTemL	V	n/a				F2014	50022	11	0		
<b>CURVE</b>															

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
<b>F0037</b>	<b>ReportHBR Config</b>	<b>5</b>	<b>4</b>	<b>255</b>	<b>128</b>	<b>N/A</b>	<b>N/A</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3954**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	4

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FF80**

Bit	Width	Name	F/V	Value
0	8	TID	F	255
8	8	FID	F	128

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
------	-----	---	------	------	-----	------	-------	--------	--------	----	-----	-----	------	-----	-------

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
<b>F0038</b>	<b>ReportHBRBufSize</b>	<b>5</b>	<b>4</b>	<b>255</b>	<b>129</b>	<b>N/A</b>	<b>N/A</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3954**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	4

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FF81**

Bit	Width	Name	F/V	Value
0	8	TID	F	255
8	8	FID	F	129

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
------	-----	---	------	------	-----	------	-------	--------	--------	----	-----	-----	------	-----	-------

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
<b>F0042</b>	<b>ReportTherMonLim</b>	<b>5</b>	<b>4</b>	<b>255</b>	<b>160</b>	<b>N/A</b>	<b>N/A</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3954**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	4

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FFA0**

Bit	Width	Name	F/V	Value
0	8	TID	F	255
8	8	FID	F	160

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
------	-----	---	------	------	-----	------	-------	--------	--------	----	-----	-----	------	-----	-------

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<b>F0043</b>	<b>ArmPowerDoorHOP</b>	<b>5</b>	<b>3</b>	<b>255</b>	<b>208</b>	<b>N/A</b>	<b>N/A</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FFD0**

Bit	Width	Name	F/V	Value
0	8	TID	F	255
8	8	FID	F	208

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	0	0	0						
11	0	8	F0053	Activation Time	V	sec		0	255						

**CURVE**

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0044	FirePowerDoorHOP	5	3	255	209	N/A	N/A

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FFD1**

Bit	Width	Name	F/V	Value
0	8	TID	F	255
8	8	FID	F	209

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
------	-----	---	------	------	-----	------	-------	--------	--------	----	-----	-----	------	-----	-------

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
<b>F0045</b>	<b>RemovePW DoorHOP</b>	<b>5</b>	<b>3</b>	<b>255</b>	<b>210</b>	<b>N/A</b>	<b>N/A</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FFD2**

Bit	Width	Name	F/V	Value
0	8	TID	F	255
8	8	FID	F	210

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
------	-----	---	------	------	-----	------	-------	--------	--------	----	-----	-----	------	-----	-------

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0046</i>	<i>ArmPW VentValHOP</i>	<i>5</i>	<i>3</i>	<i>255</i>	<i>224</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FFE0**

Bit	Width	Name	F/V	Value
0	8	TID	F	255
8	8	FID	F	224

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	0	0	0						
11	0	8	F0053	Activation Time	V	sec		0	255						

**CURVE**

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
<b>F0047</b>	<b>FirePW VenValHOP</b>	<b>5</b>	<b>3</b>	<b>255</b>	<b>225</b>	<b>N/A</b>	<b>N/A</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FFE1**

Bit	Width	Name	F/V	Value
0	8	TID	F	255
8	8	FID	F	225

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
------	-----	---	------	------	-----	------	-------	--------	--------	----	-----	-----	------	-----	-------

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
<b>F0048</b>	<b>RemPW VentValHOP</b>	<b>5</b>	<b>3</b>	<b>255</b>	<b>226</b>	<b>N/A</b>	<b>N/A</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FFE2**

Bit	Width	Name	F/V	Value
0	8	TID	F	255
8	8	FID	F	226

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
------	-----	---	------	------	-----	------	-------	--------	--------	----	-----	-----	------	-----	-------

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0049</i>	<i>Apply PW FW</i>	<i>5</i>	<i>3</i>	<i>255</i>	<i>241</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FFF1**

Bit	Width	Name	F/V	Value
0	8	TID	F	255
8	8	FID	F	241

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

<b>BYTE</b>	<b>BIT</b>	<b>W</b>	<b>PREF</b>	<b>NAME</b>	<b>F/V</b>	<b>UNIT</b>	<b>VALUE</b>	<b>MINVAL</b>	<b>MAXVAL</b>	<b>TM</b>	<b>VER</b>	<b>TPN</b>	<b>BYTE</b>	<b>BIT</b>	<b>VALUE</b>
-------------	------------	----------	-------------	-------------	------------	-------------	--------------	---------------	---------------	-----------	------------	------------	-------------	------------	--------------

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
<b>F0050</b>	<b>Remove PW FW</b>	<b>5</b>	<b>3</b>	<b>255</b>	<b>242</b>	<b>N/A</b>	<b>N/A</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FFF2**

Bit	Width	Name	F/V	Value
0	8	TID	F	255
8	8	FID	F	242

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE BIT W PREF NAME F/V UNIT VALUE MINVAL MAXVAL TM VER TPN BYTE BIT VALUE

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0051</i>	<i>Dump EPDH Memory</i>	<i>6</i>	<i>2</i>	<i>N/A</i>	<i>N/A</i>	<i>0</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3962**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	6
12	4	Packet Subtype	F	2

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:0000**

Bit	Width	Name	F/V	Value
0	16	MID	F	0

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

**Offset Word 5: variable**

Bit	Width	Name	F/V	Value
0	32	Start Address	V	X

**Offset Word 7: variable**

Bit	Width	Name	F/V	Value
0	16	Length	V	X

<b>BYTE</b>	<b>BIT</b>	<b>W</b>	<b>PREF</b>	<b>NAME</b>	<b>F/V</b>	<b>UNIT</b>	<b>VALUE</b>	<b>MINVAL</b>	<b>MAXVAL</b>	<b>TM</b>	<b>VER</b>	<b>TPN</b>	<b>BYTE</b>	<b>BIT</b>	<b>VALUE</b>
-------------	------------	----------	-------------	-------------	------------	-------------	--------------	---------------	---------------	-----------	------------	------------	-------------	------------	--------------

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0052</i>	<i>CalcEPDH MemCKS</i>	<i>6</i>	<i>3</i>	<i>N/A</i>	<i>N/A</i>	<i>0</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3963**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	6
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:0000**

Bit	Width	Name	F/V	Value
0	16	MID	F	0

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

**Offset Word 5: variable**

Bit	Width	Name	F/V	Value
0	32	Start Address	V	X

**Offset Word 7: variable**

Bit	Width	Name	F/V	Value
0	16	Length	V	X

<b>BYTE</b>	<b>BIT</b>	<b>W</b>	<b>PREF</b>	<b>NAME</b>	<b>F/V</b>	<b>UNIT</b>	<b>VALUE</b>	<b>MINVAL</b>	<b>MAXVAL</b>	<b>TM</b>	<b>VER</b>	<b>TPN</b>	<b>BYTE</b>	<b>BIT</b>	<b>VALUE</b>
-------------	------------	----------	-------------	-------------	------------	-------------	--------------	---------------	---------------	-----------	------------	------------	-------------	------------	--------------

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
<b>F0055</b>	<b>RepTMPktGenStat</b>	<b>9</b>	<b>1</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3991**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	9
12	4	Packet Subtype	F	1

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
------	-----	---	------	------	-----	------	-------	--------	--------	----	-----	-----	------	-----	-------

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
<b>F0056</b>	<b>EnaGenAllTM Pkts</b>	<b>9</b>	<b>2</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3992**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	9
12	4	Packet Subtype	F	2

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE BIT W PREF NAME F/V UNIT VALUE MINVAL MAXVAL TM VER TPN BYTE BIT VALUE

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
<b>F0057</b>	<b>DisGenAllTM Pkts</b>	<b>9</b>	<b>3</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3993**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	9
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE BIT W PREF NAME F/V UNIT VALUE MINVAL MAXVAL TM VER TPN BYTE BIT VALUE

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
<b>F0058</b>	<b>EnaGenSpecTMPkts</b>	<b>9</b>	<b>4</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3994**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	9
12	4	Packet Subtype	F	4

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:variable**

Bit	Width	Name	F/V	Value
0	8	SID	V	X
8	8	Spare	F	0

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
------	-----	---	------	------	-----	------	-------	--------	--------	----	-----	-----	------	-----	-------

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0059	DisGenSpecTMPkts	9	5	N/A	N/A	N/A	N/A

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3995**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	9
12	4	Packet Subtype	F	5

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:variable**

Bit	Width	Name	F/V	Value
0	8	SID	V	X
8	8	Spare	F	0

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE BIT W PREF NAME F/V UNIT VALUE MINVAL MAXVAL TM VER TPN BYTE BIT VALUE

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
<b>F0060</b>	<b>Enable OBT Synch</b>	<b>10</b>	<b>2</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:39A2**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	10
12	4	Packet Subtype	F	2

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
------	-----	---	------	------	-----	------	-------	--------	--------	----	-----	-----	------	-----	-------

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
<b>F0061</b>	<b>Add Time Code</b>	<b>10</b>	<b>3</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:39A3**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	10
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:variable**

Bit	Width	Name	F/V	Value
0	48	Time Code	V	X

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE BIT W PREF NAME F/V UNIT VALUE MINVAL MAXVAL TM VER TPN BYTE BIT VALUE

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
<b>F0062</b>	<b>Enable OBT Verif</b>	<b>10</b>	<b>5</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:39A5**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	10
12	4	Packet Subtype	F	5

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
------	-----	---	------	------	-----	------	-------	--------	--------	----	-----	-----	------	-----	-------

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<b>F0063</b>	<b>PresetTimeCount</b>	<b>5</b>	<b>3</b>	<b>255</b>	<b>176</b>	<b>N/A</b>	<b>N/A</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FFB0**

Bit	Width	Name	F/V	Value
0	8	TID	F	255
8	8	FID	F	176

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	16	F0054	EPEA Preset Time	V	sec				F1052	50001	86	0		

**CURVE**

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0064</i>	<i>Dump EPCE Memory</i>	<i>6</i>	<i>2</i>	<i>N/A</i>	<i>N/A</i>	<i>80</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3962**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	6
12	4	Packet Subtype	F	2

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:0050**

Bit	Width	Name	F/V	Value
0	16	MID	F	80

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

**Offset Word 5: variable**

Bit	Width	Name	F/V	Value
0	32	Start Address	V	X

**Offset Word 7: variable**

Bit	Width	Name	F/V	Value
0	16	Length	V	X

<b>BYTE</b>	<b>BIT</b>	<b>W</b>	<b>PREF</b>	<b>NAME</b>	<b>F/V</b>	<b>UNIT</b>	<b>VALUE</b>	<b>MINVAL</b>	<b>MAXVAL</b>	<b>TM</b>	<b>VER</b>	<b>TPN</b>	<b>BYTE</b>	<b>BIT</b>	<b>VALUE</b>
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<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0065</i>	<i>CalcEPCE MemCKS</i>	<i>6</i>	<i>3</i>	<i>N/A</i>	<i>N/A</i>	<i>80</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3963**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	6
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:0050**

Bit	Width	Name	F/V	Value
0	16	MID	F	80

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

**Offset Word 5: variable**

Bit	Width	Name	F/V	Value
0	32	Start Address	V	X

**Offset Word 7: variable**

Bit	Width	Name	F/V	Value
0	16	Length	V	X

<b>BYTE</b>	<b>BIT</b>	<b>W</b>	<b>PREF</b>	<b>NAME</b>	<b>F/V</b>	<b>UNIT</b>	<b>VALUE</b>	<b>MINVAL</b>	<b>MAXVAL</b>	<b>TM</b>	<b>VER</b>	<b>TPN</b>	<b>BYTE</b>	<b>BIT</b>	<b>VALUE</b>
-------------	------------	----------	-------------	-------------	------------	-------------	--------------	---------------	---------------	-----------	------------	------------	-------------	------------	--------------

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0067</i>	<i>DumpEPEA0 Memory</i>	<i>6</i>	<i>2</i>	<i>N/A</i>	<i>N/A</i>	<i>16</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3962**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	6
12	4	Packet Subtype	F	2

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:0010**

Bit	Width	Name	F/V	Value
0	16	MID	F	16

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

**Offset Word 5: variable**

Bit	Width	Name	F/V	Value
0	32	Start Address	V	X

**Offset Word 7: variable**

Bit	Width	Name	F/V	Value
0	16	Length	V	X

<b>BYTE</b>	<b>BIT</b>	<b>W</b>	<b>PREF</b>	<b>NAME</b>	<b>F/V</b>	<b>UNIT</b>	<b>VALUE</b>	<b>MINVAL</b>	<b>MAXVAL</b>	<b>TM</b>	<b>VER</b>	<b>TPN</b>	<b>BYTE</b>	<b>BIT</b>	<b>VALUE</b>
-------------	------------	----------	-------------	-------------	------------	-------------	--------------	---------------	---------------	-----------	------------	------------	-------------	------------	--------------

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0068</i>	<i>CalcEPEA0 MemCKS</i>	<i>6</i>	<i>3</i>	<i>N/A</i>	<i>N/A</i>	<i>16</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3963**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	6
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:0010**

Bit	Width	Name	F/V	Value
0	16	MID	F	16

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

**Offset Word 5: variable**

Bit	Width	Name	F/V	Value
0	32	Start Address	V	X

**Offset Word 7: variable**

Bit	Width	Name	F/V	Value
0	16	Length	V	X

<b>BYTE</b>	<b>BIT</b>	<b>W</b>	<b>PREF</b>	<b>NAME</b>	<b>F/V</b>	<b>UNIT</b>	<b>VALUE</b>	<b>MINVAL</b>	<b>MAXVAL</b>	<b>TM</b>	<b>VER</b>	<b>TPN</b>	<b>BYTE</b>	<b>BIT</b>	<b>VALUE</b>
-------------	------------	----------	-------------	-------------	------------	-------------	--------------	---------------	---------------	-----------	------------	------------	-------------	------------	--------------

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0069</i>	<i>SendScientTable</i>	<i>5</i>	<i>3</i>	<i>253</i>	<i>150</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FD96**

Bit	Width	Name	F/V	Value
0	8	TID	F	253
8	8	FID	F	150

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	16	F0064	Table Stop Block	V	n/a		0	216						
<b>CURVE</b>															
12	0	8	FIX		F	none	255	255	255						
13	0	8	FIX		F	none	150	150	150						
14	0	16	FIX		F	none	13	13	13						
16	0	16	FIX		F	none	0	0	0						
18	0	16	FIX		F	none	4	4	4						
20	0	16	FIX		F	none	150	150	150						
22	0	16	F0065	ScientTableSelec	V	n/a		1	256						
<b>RAW</b>															
1				Offset Table											
16				Noise Table											
24	0	16	FIX		F	none	9	9	9						
26	0	12	FIX		F	none	0	0	0						
27	4	4	F0005	CCD identifier	V	n/a		0	2						
<b>RAW</b>															

***EPCS TC PACKETS***

28	0	16	FIX		F	none	9	9	9
30 <b>CURVE</b>	0	16	F0066	Table StartBlock	V	n/a		0	216
32	0	16	FIX		F	none	3	3	3
34	0	16	FIX		F	none		60304	60304

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0074</i>	<i>EASETWAIT</i>	<i>5</i>	<i>3</i>	<i>253</i>	<i>123</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FD7B**

Bit	Width	Name	F/V	Value
0	8	TID	F	253
8	8	FID	F	123

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	123	123	123						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	123	123	123						
20	0	16	F0058	NoOperLoopRepet	V	n/a		0	65535	F1537		50002	58	0	
<b>CURVE</b>															
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0075</i>	<i>EAHBRSND</i>	<i>5</i>	<i>3</i>	<i>253</i>	<i>137</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FD89**

Bit	Width	Name	F/V	Value
0	8	TID	F	253
8	8	FID	F	137

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	137	137	137						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	137	137	137						
20	0	16	F0062	ScientificEventN	V	n/a		0	65535						
<b>CURVE</b>															
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0076</i>	<i>EAHBRTEPIC</i>	<i>5</i>	<i>3</i>	<i>253</i>	<i>139</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FD8B**

Bit	Width	Name	F/V	Value
0	8	TID	F	253
8	8	FID	F	139

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	139	139	139						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	139	139	139						
20	0	16	F0063	NumbTransmFrames	V	n/a		1	65535						
<b>CURVE</b>															
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0078</i>	<i>CERESERR</i>	<i>5</i>	<i>3</i>	<i>254</i>	<i>16</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FE10**

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	16

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	16	16	16						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	16	16	16						
20	0	16	FIX		F	none	0	0	0						
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0079	CESETMSG	5	3	254	17	N/A	N/A

Offset Word 0:1F00

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

Offset Word 3:3953

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

Offset Word 1:variable

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

Offset Word 4:FE11

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	17

Offset Word 2:variable

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	17	17	17						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	17	17	17						
20	0	16	F0105	EPCE Message	V	n/a		0	65535	F1092		50001	132	0	
<b>CURVE</b>															
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0080</i>	<i>CERESSET</i>	<i>5</i>	<i>3</i>	<i>254</i>	<i>18</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FE12**

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	18

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	28	18	18						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	18	18	18						
20	0	16	FIX		F	none	0	0	0						
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0081</i>	<i>CEWBOOT</i>	<i>5</i>	<i>3</i>	<i>254</i>	<i>19</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FE13**

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	19

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	19	19	19						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	19	19	19						
20	0	16	FIX		F	none	0	0	0						
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0082</i>	<i>Load EPCE Memory</i>	<i>6</i>	<i>1</i>	<i>N/A</i>	<i>N/A</i>	<i>80</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3961**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	6
12	4	Packet Subtype	F	1

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:0050**

Bit	Width	Name	F/V	Value
0	16	MID	F	80

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

**Offset Word 5: variable**

Bit	Width	Name	F/V	Value
0	32	Start Address	V	X

<b>BYTE</b>	<b>BIT</b>	<b>W</b>	<b>PREF</b>	<b>NAME</b>	<b>F/V</b>	<b>UNIT</b>	<b>VALUE</b>	<b>MINVAL</b>	<b>MAXVAL</b>	<b>TM</b>	<b>VER</b>	<b>TPN</b>	<b>BYTE</b>	<b>BIT</b>	<b>VALUE</b>
-------------	------------	----------	-------------	-------------	------------	-------------	--------------	---------------	---------------	-----------	------------	------------	-------------	------------	--------------

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0083</i>	<i>CEDEBUG</i>	<i>5</i>	<i>3</i>	<i>254</i>	<i>32</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FE20**

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	32

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	32	32	32						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	32	32	32						
20	0	8	F0106	Debug Mode	V	n/a		0	255	F1079		50001	130	1	
<b>RAW</b>	<b>MEANING</b>														
0	Not Selected														
255	Selected														
21	0	1	FIX		F	none	1	1	1						
21	1	1	F0163	RecTabDataShowSt	V	n/a		0	1	F1165		50001	204	1	
<b>RAW</b>	<b>MEANING</b>														
0	Not Selected														
1	Selected														
21	2	1	F0162	RecHKDataShowSt	V	n/a		0	1	F1477		50001	204	2	
<b>RAW</b>	<b>MEANING</b>														
0	Not Selected														
1	Selected														

***EPCS TC PACKETS***

21	3	1	F0161	TransComShowStat	V	n/a	0	1	F1478	50001	204	3
<b>RAW</b>	<b>0</b>											
21	4	1	F0160	TraTabDataShowSt	V	n/a	0	1	F1479	50001	204	4
<b>RAW</b>	<b>0</b>											
21	5	1	F0159	TranHKDataShowSt	V	n/a	0	1	F1480	50001	204	5
<b>RAW</b>	<b>0</b>											
21	6	1	F0158	ReceivCommShowSt	V	n/a	0	1	F1481	50001	204	6
<b>RAW</b>	<b>0</b>											
21	7	1	F0157	HexComDataShowSt	V	n/a	0	1	F1482	50001	204	7
<b>RAW</b>	<b>0</b>											
22	0	16	FIX		F	none	3	3	3			
24	0	16	FIX		F	none	60304	60304				

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0085</i>	<i>CEGOTO</i>	<i>5</i>	<i>3</i>	<i>254</i>	<i>20</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FE14**

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	20

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	20	20	20						
12	0	16	FIX		F	none	11	11	11						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	3	3	3						
18	0	16	FIX		F	none	20	20	20						
20	0	16	F0067	SegmentJumpAddr	V	n/a									
<b>CURVE</b>															
22	0	16	FIX		F	none	9	9	9						
24	0	16	F0068	Offset Jump Addr	V	n/a									
<b>CURVE</b>															
26	0	16	FIX		F	none	3	3	3						
28	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0086</i>	<i>CEBPUT</i>	<i>5</i>	<i>3</i>	<i>254</i>	<i>23</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FE17**

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	23

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	23	23	23						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	23	23	23						
20	0	8	FIX		F	none	0	0	0						
21	0	8	F0069	8-bit data	V	n/a		0	255						
<b>CURVE</b>															
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0087</i>	<i>CEWPUT</i>	<i>5</i>	<i>3</i>	<i>254</i>	<i>24</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FE18**

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	24

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	24	24	24						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	24	24	24						
20	0	16	F0070	16-bit data	V	n/a		0	65535						
<b>CURVE</b>															
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0088</i>	<i>CEASET</i>	<i>5</i>	<i>3</i>	<i>254</i>	<i>22</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FE16**

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	22

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	22	22	22						
12	0	16	FIX		F	none	11	11	11						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	3	3	3						
18	0	16	FIX		F	none	22	22	22						
20	0	16	F0071	Register Select	V	n/a		0	2						
<b>RAW</b>			<b>MEANING</b>												
22	0	16	FIX		F	none	9	9	9						
24	0	16	F0072	Seg Off I/O Addr	V	n/a		0	65535						
<b>CURVE</b>															
26	0	16	FIX		F	none	3	3	3						
28	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0089</i>	<i>CEBGET</i>	<i>5</i>	<i>3</i>	<i>254</i>	<i>25</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FE19**

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	25

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	25	25	25						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	25	25	25						
20	0	16	FIX		F	none	0	0	0						
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0090</i>	<i>CEWGET</i>	<i>5</i>	<i>3</i>	<i>254</i>	<i>26</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FEIA**

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	26

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	26	26	26						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	26	26	26						
20	0	16	FIX		F	none	0	0	0						
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0091</i>	<i>CEMMODE</i>	<i>5</i>	<i>3</i>	<i>254</i>	<i>27</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FE1B**

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	27

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	27	27	27						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	27	27	27						
20	0	12	FIX		F	none	0	0	0						
21	4	1	FIX		F	none	0	0	0						
21	5	1	F0075	WritingVerificat	V	n/a		0	1	F1083	50001	130	5		
<b>RAW</b>			<b>MEANING</b>												
0			Yes												
1			No												
21	6	1	F0076	Address Autoincr	V	n/a		0	1	F1081	50001	130	3		
<b>RAW</b>			<b>MEANING</b>												
0			Off												
1			On												
21	7	1	F0077	Data Update Mode	V	n/a		0	1	F1080	50001	130	2		
<b>RAW</b>			<b>MEANING</b>												

***EPCS TC PACKETS***

0	One time					
1	Continuously					
22	0 16 FIX	F	none	3	3	3
24	0 16 FIX	F	none		60304	60304

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0092</i>	<i>CEQUADSEL</i>	<i>5</i>	<i>3</i>	<i>254</i>	<i>31</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FE1F**

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	31

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	31	31	31						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	31	31	31						
20	0	12	FIX		F	none	0	0	0						
21	4	1	F0110	Quadrant 3 Selec	V	n/a		0	1	F1074	50001	129	4		
<b>RAW</b>			<b>MEANING</b>												
0				Not Selected											
1				Selected											
21	5	1	F0109	Quadrant 2 Selec	V	n/a		0	1	F1075	50001	129	5		
<b>RAW</b>			<b>MEANING</b>												
0				Not Selected											
1				Selected											
21	6	1	F0108	Quadrant 1 Selec	V	n/a		0	1	F1076	50001	129	6		
<b>RAW</b>			<b>MEANING</b>												
0				Not Selected											
1				Selected											

***EPCS TC PACKETS***

21	7	1	F0107	Quadrant 0 Selec	V	n/a	0	1	F1077	50001	129	7
<b>RAW</b>	<b>MEANING</b>											
0	Not Selected											
1	Selected											
22	0	16	FIX		F	none	3	3				
24	0	16	FIX		F	none	60304	60304				

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0093</i>	<i>CEMSEQ</i>	<i>5</i>	<i>3</i>	<i>254</i>	<i>34</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FE22**

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	34

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	34	34	34						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	34	34	34						
20	0	6	FIX		F	none	0	0	0						
20	6	1	F0111	MasterSeqClockSt	V	n/a		0	1	F1288	50001	303	6		
<b>RAW</b>				<b>MEANING</b>											
0				Disabled											
1				Enabled											
20	7	1	F0112	QuadrantsReadout	V	n/a		0	1	F1289	50001	303	7		
<b>RAW</b>				<b>MEANING</b>											
0				Parallel											
1				Sequential											
21	0	1	F0110	Quadrant 3 Selec	V	n/a		0	1	F1290	50001	304	0		
<b>RAW</b>				<b>MEANING</b>											
0				Not Selected											
1				Selected											

**EPCS TC PACKETS**

21	1	1	F0109	Quadrant 2 Selec	V	n/a	0	1	F1291	50001	304	1
<b>RAW</b>	<b>MEANING</b>											
0	Not Selected											
1	Selected											
21	2	1	F0108	Quadrant 1 Selec	V	n/a	0	1	F1292	50001	304	2
<b>RAW</b>	<b>MEANING</b>											
0	Not Selected											
1	Selected											
21	3	1	F0107	Quadrant 0 Selec	V	n/a	0	1	F1293	50001	304	3
<b>RAW</b>	<b>MEANING</b>											
0	Not Selected											
1	Selected											
21	4	4	F0113	QuadReadTimeInte	V	n/a			F1294	50001	304	4
<b>CURVE</b>												
22	0	16	FIX		F	none	3	3	3			
24	0	16	FIX		F	none	60304	60304				

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<b>F0094</b>	<b>Load EPEA Memory</b>	<b>6</b>	<b>1</b>	<b>N/A</b>	<b>N/A</b>	<b>96</b>	<b>N/A</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3961**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	6
12	4	Packet Subtype	F	1

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:0060**

Bit	Width	Name	F/V	Value
0	16	MID	F	96

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

**Offset Word 5: variable**

Bit	Width	Name	F/V	Value
0	32	Start Address	V	X

<b>BYTE</b>	<b>BIT</b>	<b>W</b>	<b>PREF</b>	<b>NAME</b>	<b>F/V</b>	<b>UNIT</b>	<b>VALUE</b>	<b>MINVAL</b>	<b>MAXVAL</b>	<b>TM</b>	<b>VER</b>	<b>TPN</b>	<b>BYTE</b>	<b>BIT</b>	<b>VALUE</b>
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<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0095</i>	<i>EAWBOOT</i>	<i>5</i>	<i>3</i>	<i>253</i>	<i>112</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FD70**

Bit	Width	Name	F/V	Value
0	8	TID	F	253
8	8	FID	F	112

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	112	112	112						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	112	112	112						
20	0	16	FIX		F	none	0	0	0						
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0096</i>	<i>EAGOTO</i>	<i>5</i>	<i>3</i>	<i>253</i>	<i>140</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FD8C**

Bit	Width	Name	F/V	Value
0	8	TID	F	253
8	8	FID	F	140

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	140	140	140						
12	0	16	FIX		F	none	11	11	11						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	3	3	3						
18	0	16	FIX		F	none	140	140	140						
20	0	16	F0067	SegmentJumpAddr	V	n/a									
<b>CURVE</b>															
22	0	16	FIX		F	none	9	9	9						
24	0	16	F0068	Offset Jump Addr	V	n/a									
<b>CURVE</b>															
26	0	16	FIX		F	none	3	3	3						
28	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0097</i>	<i>EABPUT</i>	<i>5</i>	<i>3</i>	<i>253</i>	<i>133</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FD85**

Bit	Width	Name	F/V	Value
0	8	TID	F	253
8	8	FID	F	133

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	133	133	133						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	133	133	133						
20	0	8	FIX		F	none	0	0	0						
21	0	8	F0069	8-bit data	V	n/a		0	255						
<b>CURVE</b>															
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0098</i>	<i>EAWPUT</i>	<i>5</i>	<i>3</i>	<i>253</i>	<i>134</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FD86**

Bit	Width	Name	F/V	Value
0	8	TID	F	253
8	8	FID	F	134

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	134	134	134						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	134	134	134						
20	0	16	F0070	16-bit data	V	n/a		0	65535						
<b>CURVE</b>															
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0099</i>	<i>EAASET</i>	<i>5</i>	<i>3</i>	<i>253</i>	<i>132</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FD84**

Bit	Width	Name	F/V	Value
0	8	TID	F	253
8	8	FID	F	132

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	132	132	132						
12	0	16	FIX		F	none	11	11	11						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	3	3	3						
18	0	16	FIX		F	none	132	132	132						
20	0	16	F0071	Register Select	V	n/a		0	2						
<b>RAW</b>			<b>MEANING</b>												
22	0	16	FIX		F	none	9	9	9						
24	0	16	F0072	Seg Off I/O Addr	V	n/a									
<b>CURVE</b>															
26	0	16	FIX		F	none	3	3	3						
28	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0100</i>	<i>EABGET</i>	<i>5</i>	<i>3</i>	<i>253</i>	<i>135</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FD87**

Bit	Width	Name	F/V	Value
0	8	TID	F	253
8	8	FID	F	135

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	135	135	135						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	135	135	135						
20	0	16	FIX		F	none	0	0	0						
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0101</i>	<i>EAWGET</i>	<i>5</i>	<i>3</i>	<i>253</i>	<i>136</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FD88**

Bit	Width	Name	F/V	Value
0	8	TID	F	253
8	8	FID	F	136

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	136	136	136						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	136	136	136						
20	0	16	FIX		F	none	0	0	0						
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0102</i>	<i>EASECRES</i>	<i>5</i>	<i>3</i>	<i>253</i>	<i>113</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FD71**

Bit	Width	Name	F/V	Value
0	8	TID	F	253
8	8	FID	F	113

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	113	113	113						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	113	113	113						
20	0	16	FIX		F	none	0	0	0						
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0103</i>	<i>EARESERR</i>	<i>5</i>	<i>3</i>	<i>253</i>	<i>114</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FD72**

Bit	Width	Name	F/V	Value
0	8	TID	F	253
8	8	FID	F	114

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	114	114	114						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	114	114	114						
20	0	16	FIX		F	none	0	0	0						
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0104</i>	<i>EAQSEQ</i>	<i>5</i>	<i>3</i>	<i>253</i>	<i>115</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FD73**

Bit	Width	Name	F/V	Value
0	8	TID	F	253
8	8	FID	F	115

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	115	115	115						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	115	115	115						
20	0	16	FIX		F	none	0	0	0						
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0105</i>	<i>EAPMODE</i>	<i>5</i>	<i>3</i>	<i>253</i>	<i>117</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FD75**

Bit	Width	Name	F/V	Value
0	8	TID	F	253
8	8	FID	F	117

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	117	117	117						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	117	117	117						
20	0	16	F0078	EPEA	V	n/a		0	2	F1323	50001	332	0		
<b>RAW</b>			<b>MEANING</b>												
0			Idle												
1			Send												
2			Debug												
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0108</i>	<i>EACMCORR</i>	<i>5</i>	<i>3</i>	<i>253</i>	<i>147</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FD93**

Bit	Width	Name	F/V	Value
0	8	TID	F	253
8	8	FID	F	147

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	147	147	147						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	147	147	147						
20	0	16	F0079	Corrective Value	V	n/a				F1525	50002	45	0		
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0109</i>	<i>EACMLOTHR</i>	<i>5</i>	<i>3</i>	<i>253</i>	<i>148</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FD94**

Bit	Width	Name	F/V	Value
0	8	TID	F	253
8	8	FID	F	148

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	148	148	148						
12	0	16	FIX		F	none	11	11	11						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	3	3	3						
18	0	16	FIX		F	none	148	148	148						
20	0	16	F0080	Low Thr CCD Sel	V	n/a		1	256						
<b>RAW</b>			<b>MEANING</b>												
1			CCD 2												
16			CCD 1												
22	0	16	FIX		F	none	9	9	9						
24	0	16	F0081	LowerThreshValue	V	n/a		0	4095						
<b>CURVE</b>															
26	0	16	FIX		F	none	3	3	3						
28	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0110</i>	<i>EACMDEV</i>	<i>5</i>	<i>3</i>	<i>253</i>	<i>149</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FD95**

Bit	Width	Name	F/V	Value
0	8	TID	F	253
8	8	FID	F	149

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	149	149	149						
12	0	16	FIX		F	none	11	11	11						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	3	3	3						
18	0	16	FIX		F	none	149	149	149						
20	0	16	F0082	LowerUpperLimSel	V	n/a		1	16						
<b>RAW</b>			<b>MEANING</b>												
1				Lower Limit											
16				Upper Limit											
22	0	16	FIX		F	none	9	9	9						
24	0	16	F0083	StandDeviatValue	V	n/a		0	4095						
<b>CURVE</b>															
26	0	16	FIX		F	none	3	3	3						
28	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0111</i>	<i>EACHOP</i>	<i>5</i>	<i>3</i>	<i>253</i>	<i>155</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FD9B**

Bit	Width	Name	F/V	Value
0	8	TID	F	253
8	8	FID	F	155

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	155	155	155						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	155	155	155						
20	0	16	F0084	Undersampl. Rate	V	n/a		0	31	F1534	50002	55	0		
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0112</i>	<i>EACRLFIFO</i>	<i>5</i>	<i>3</i>	<i>253</i>	<i>156</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FD9C**

Bit	Width	Name	F/V	Value
0	8	TID	F	253
8	8	FID	F	156

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	156	156	156						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	156	156	156						
20	0	16	FIX		F	none	0	0	0						
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0113</i>	<i>EACCDSEL</i>	<i>5</i>	<i>3</i>	<i>253</i>	<i>116</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FD74**

Bit	Width	Name	F/V	Value
0	8	TID	F	253
8	8	FID	F	116

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	116	116	116						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	116	116	116						
20	0	12	FIX		F	none	0	0	0						
21	4	1	FIX		F	none	0	0	0						
21	5	1	F0087	CCD 2 status	V	n/a		0	1	F1484	50001	328	5		
<b>RAW</b>			<b>MEANING</b>												
0			Off												
1			On												
21	6	1	F0086	CCD 1 status	V	n/a		0	1	F1483	50001	328	6		
<b>RAW</b>			<b>MEANING</b>												
0			Off												
1			On												
21	7	1	F0085	CCD 0 status	V	n/a		0	1	F1319	50001	328	7		
<b>RAW</b>			<b>MEANING</b>												

***EPCS TC PACKETS***

0		Off						
1		On						
22	0	16	FIX	F	none	3	3	3
24	0	16	FIX	F	none		60304	60304

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0114</i>	<i>EARDMODE</i>	<i>5</i>	<i>3</i>	<i>253</i>	<i>118</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FD76**

Bit	Width	Name	F/V	Value
0	8	TID	F	253
8	8	FID	F	118

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	118	118	118						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	118	118	118						
20	0	16	F0088	CCDs ReadoutMode	V	n/a		32	36	F1539	50002	61	0		
<b>RAW</b>				<b>MEANING</b>											
32				Full Frame											
33				Small Window											
34				Large Window											
35				Timing											
36				Burst											
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0116</i>	<i>EASENDMODE</i>	<i>5</i>	<i>3</i>	<i>253</i>	<i>120</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FD78**

Bit	Width	Name	F/V	Value
0	8	TID	F	253
8	8	FID	F	120

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	120	120	120						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	120	120	120						
20	0	16	F0089	MIPCorrectionMod	V	n/a		16	18	F1535	50002	56	0		
<b>RAW</b>				<b>MEANING</b>											
16				MIP correc.1											
17				MIP correc.2											
18				No MIP corr.											
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0117</i>	<i>EAMIPSEL</i>	<i>5</i>	<i>3</i>	<i>253</i>	<i>121</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FD79**

Bit	Width	Name	F/V	Value
0	8	TID	F	253
8	8	FID	F	121

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	121	121	121						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	121	121	121						
20	0	16	F0090	Rejected Lines	V	n/a		0	100	F1536	50002	57	0		
<b>CURVE</b>															
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0118</i>	<i>EAWIND</i>	<i>5</i>	<i>3</i>	<i>253</i>	<i>122</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FD7A**

Bit	Width	Name	F/V	Value
0	8	TID	F	253
8	8	FID	F	122

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	122	122	122						
12	0	16	FIX		F	none	15	15	15						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	5	5	5						
18	0	16	FIX		F	none	122	122	122						
20	0	16	F0091	LowLeftCornerCCD	V	n/a		0	2	F1521	50002	41	0		
<b>CURVE</b>															
22	0	16	FIX		F	none	9	9	9						
24	0	16	F0092	LowLeftCornerLin	V	n/a		0	199	F1522	50002	42	0		
<b>CURVE</b>															
26	0	16	FIX		F	none	9	9	9						
28	0	16	F0093	UpRightCornerCCD	V	n/a		0	2	F1523	50002	43	0		
<b>CURVE</b>															

***EPCS TC PACKETS***

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30	0	16	FIX	F	none	9	9	9					
32 CURVE	0	16	F0094 UpRightCornerLin	V	n/a		0	199	F1524	50002	44	0	
34	0	16	FIX	F	none	3	3	3					
36	0	16	FIX	F	none		60304	60304					

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0119</i>	<i>EACMLSTATUS</i>	<i>5</i>	<i>3</i>	<i>253</i>	<i>151</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FD97**

Bit	Width	Name	F/V	Value
0	8	TID	F	253
8	8	FID	F	151

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	151	151	151						
12	0	16	FIX		F	none	11	11	11						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	3	3	3						
18	0	16	FIX		F	none	151	151	151						
20	0	8	F0095	Pixel Status	V	n/a		1	16						
<b>RAW</b>			<b>MEANING</b>												
1			Good												
16			Bad												
21	0	4	FIX		F	none	0	0	0						
21	4	4	F0005	CCD identifier	V	n/a		0	2						
<b>RAW</b>			<b>MEANING</b>												
22	0	16	FIX		F	none	9	9	9						
24	0	8	F0097	CCD Pixel Line	V	n/a		0	199						
<b>CURVE</b>															

***EPCS TC PACKETS***

25 CURVE	0	8	F0098	CCD Pixel Column	V	n/a	0	63
26	0	16	FIX		F	none	3	3
28	0	16	FIX		F	none	60304	60304

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0120</i>	<i>EACMLINE</i>	<i>5</i>	<i>3</i>	<i>253</i>	<i>152</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FD98**

Bit	Width	Name	F/V	Value
0	8	TID	F	253
8	8	FID	F	152

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	152	152	152						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	152	152	152						
20	0	4	F0099	ColumnLineStatus	V	n/a		0	1	F1528	50002	51	0		
<b>RAW</b>			<b>MEANING</b>												
0			Good												
1			Bad												
20	4	4	F0005	CCD identifier	V	n/a		0	2	F1529	50002	51	4		
<b>RAW</b>			<b>MEANING</b>												
21	0	8	F0097	CCD Pixel Line	V	n/a		0	199	F1530	50002	52	0		
<b>CURVE</b>															
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0121</i>	<i>EACMCOL</i>	<i>5</i>	<i>3</i>	<i>253</i>	<i>153</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FD99**

Bit	Width	Name	F/V	Value
0	8	TID	F	253
8	8	FID	F	153

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	153	153	153						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	153	153	153						
20	0	4	F0099	ColumnLineStatus	V	n/a		0	1	F1531	50002	53	0		
<b>RAW</b>			<b>MEANING</b>												
0			Good												
1			Bad												
20	4	4	F0005	CCD identifier	V	n/a		0	2	F1532	50002	53	4		
<b>RAW</b>			<b>MEANING</b>												
21	0	8	F0098	CCD Pixel Column	V	n/a		0	63	F1533	50002	54	0		
<b>CURVE</b>															
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0122	EAMEDIAN	5	3	253	154	N/A	N/A

Offset Word 0:1F00

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

Offset Word 3:3953

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

Offset Word 1:variable

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

Offset Word 4:FD9A

Bit	Width	Name	F/V	Value
0	8	TID	F	253
8	8	FID	F	154

Offset Word 2:variable

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	154	154	154						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	154	154	154						
20	0	16	F0100	MedianCorrecStat	V	n/a		1	16	F1295	50001	311	6		
<b>RAW</b>			<b>MEANING</b>												
1			On												
16			Off												
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0123</i>	<i>FWTOUT</i>	<i>5</i>	<i>3</i>	<i>254</i>	<i>48</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FE30**

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	48

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	48	48	48						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	48	48	48						
20	0	16	F0116	FW Timeout	V	n/a		0	2047	F1114	50001	166	3		
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0124	FWSTART/STOP	5	3	254	49	N/A	N/A

Offset Word 0:1F00

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

Offset Word 3:3953

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

Offset Word 1:variable

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

Offset Word 4:FE31

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	49

Offset Word 2:variable

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	49	49	49						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	49	49	49						
20	0	16	F0117	FilterWheelStat	V	n/a		0	1	F1119	50001	169	5		
<b>RAW</b>			<b>MEANING</b>												
0			Stop												
1			Start												
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0125	FWUP/DOWN	5	3	254	50	N/A	N/A

Offset Word 0:1F00

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

Offset Word 3:3953

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

Offset Word 1:variable

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

Offset Word 4:FE32

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	50

Offset Word 2:variable

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	50	50	50						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	50	50	50						
20	0	16	F0118	FWMovemDirectio	V	n/a		0	1	F1112	50001	166	1		
<b>RAW</b>			<b>MEANING</b>												
0				To Close											
1				To Open											
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0126	FWEM/NOEM	5	3	254	51	N/A	N/A

Offset Word 0:1F00

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

Offset Word 3:3953

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

Offset Word 1:variable

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

Offset Word 4:FE33

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	51

Offset Word 2:variable

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	51	51	51						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	51	51	51						
20	0	16	F0119	FW	V	n/a		0	1	F1111	50001	166	0		
<b>RAW</b>			<b>MEANING</b>												
0			Normal												
1			Emergency												
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0127	FWSEASON/OFF	5	3	254	52	N/A	N/A

Offset Word 0:1F00

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

Offset Word 3:3953

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

Offset Word 1:variable

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

Offset Word 4:FE34

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	52

Offset Word 2:variable

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	52	52	52						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	52	52	52						
20	0	16	F0120	Mode Selection	V	n/a		0	1	F1117	50001	168	3		
<b>RAW</b>			<b>MEANING</b>												
0			Disabled												
1			Enabled												
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0129</i>	<i>FWGOTO</i>	<i>5</i>	<i>3</i>	<i>254</i>	<i>53</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FE35**

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	53

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	53	53	53						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	53	53	53						
20	0	16	F0121	FW Position	V	n/a		0	5	F1118	50001	169	2		
<b>RAW</b>	<b>MEANING</b>														
0	Open														
1	Filter D														
2	Filter C														
3	Filter B														
4	Filter A														
5	Close														
7	No Stop Pos.														
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<b>F0130</b>	<b>FWCAL</b>	<b>5</b>	<b>3</b>	<b>254</b>	<b>54</b>	<b>N/A</b>	<b>N/A</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FE36**

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	54

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	54	54	54						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	54	54	54						
20	0	0			F										
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0131</i>	<i>TOHTEMP</i>	<i>5</i>	<i>3</i>	<i>254</i>	<i>64</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FE40**

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	64

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	64	64	64						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	64	64	64						
20	0	16	F0123	RegulationTemper	V	n/a				F1267	50001	270	0		
<b>CURVE</b>															
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0132</i>	<i>TOHCTRL</i>	<i>5</i>	<i>3</i>	<i>254</i>	<i>65</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FE41**

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	65

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	65	65	65						
12	0	16	FIX		F	none	11	11	11						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	3	3	3						
18	0	16	FIX		F	none	65	65	65						
20	0	0			F										
22	0	16	FIX		F	none	9	9	9						
24	0	0			F										
26	0	16	FIX		F	none	3	3	3						
28	0	16	FIX		F	none		60304	60304						

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0133	TOHSTART/STOP	5	3	254	66	N/A	N/A

Offset Word 0:1F00

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

Offset Word 3:3953

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

Offset Word 1:variable

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

Offset Word 4:FE42

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	66

Offset Word 2:variable

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	66	66	66						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	66	66	66						
20	0	16	F0120	Mode Selection	V	n/a		0	1	F1266	50001	268	0		
<b>RAW</b>			<b>MEANING</b>												
0			Disabled												
1			Enabled												
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0134</i>	<i>TDHTEMP</i>	<i>5</i>	<i>3</i>	<i>254</i>	<i>67</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FE43**

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	67

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	67	67	67						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	67	67	67						
20	0	16	F0123	RegulationTemper	V	n/a				F1270	50001	276	0		
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0135</i>	<i>TDHCTRL</i>	<i>5</i>	<i>3</i>	<i>254</i>	<i>68</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FE44**

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	68

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	68	68	68						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	3	3	3						
18	0	16	FIX		F	none	68	68	68						
20	0	0			F										
22	0	16	FIX		F	none	9	9	9						
24	0	0			F										
26	0	16	FIX		F	none	3	3	3						
28	0	16	FIX		F	none		60304	60304						

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0136	TDHSTART/STOP	5	3	254	69	N/A	N/A

Offset Word 0:1F00

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

Offset Word 3:3953

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

Offset Word 1:variable

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

Offset Word 4:FE45

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	69

Offset Word 2:variable

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	69	69	69						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	69	69	69						
20	0	16	F0120	Mode Selection	V	n/a		0	1	F1269	50001	274	0		
<b>RAW</b>			<b>MEANING</b>												
0			Disabled												
1			Enabled												
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0139</i>	<i>VCPWRON/OFF</i>	<i>5</i>	<i>3</i>	<i>254</i>	<i>80</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FE50**

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	80

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	80	80	80						
12	0	16	FIX		F	none	11	11	11						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	3	3	3						
18	0	16	FIX		F	none	80	80	80						
20	0	16	F0124	PowerSwitchSelec	V	n/a		0	7						
<b>RAW</b>			<b>MEANING</b>												
0			Quadr 0 Conv												
1			Quadr 1 Conv												
2			Quadr 2 Conv												
3			Quadr 3 Conv												
4			OperHeatConv												
5			FiltWheelPow												
6			DecHeat1Pow												
7			DecHeat2Pow												
22	0	16	FIX		F	none	9	9	9						
24	0	16	F0125	On/Off Status	V	n/a		0	1						
<b>RAW</b>			<b>MEANING</b>												
0			Not Active												

***EPCS TC PACKETS***

1	Active							
26	0	16	FIX	F	none	3	3	3
28	0	16	FIX	F	none		60304	60304

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0140</i>	<i>VCMULTI</i>	<i>5</i>	<i>3</i>	<i>254</i>	<i>81</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FE51**

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	81

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	81	81	81						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	81	81	81						
20	0	8	FIX		F	none	0	0	0						
21	0	1	F0126	DecHeat2PWStatus	V	n/a		0	1	F1178	50001	212	0		
<b>RAW</b>	<b>MEANING</b>														
0	Not Active														
1	Active														
21	1	1	F0127	DecHeat1PWStatus	V	n/a		0	1	F1179	50001	212	1		
<b>RAW</b>	<b>MEANING</b>														
0	Not Active														
1	Active														
21	2	1	F0128	FW Power Status	V	n/a		0	1	F1180	50001	212	2		
<b>RAW</b>	<b>MEANING</b>														
0	Not Active														
1	Active														

**EPCS TC PACKETS**

21	3	1	F0129	OperHeatConvStat	V	n/a	0	1	F1181	50001	212	3
<b>RAW</b>	<b>MEANING</b>											
0	Not Active											
1	Active											
21	4	1	F0130	Quadr3ConvStatus	V	n/a	0	1	F1182	50001	212	4
<b>RAW</b>	<b>MEANING</b>											
0	Not Active											
1	Active											
21	5	1	F0131	Quadr2ConvStatus	V	n/a	0	1	F1183	50001	212	5
<b>RAW</b>	<b>MEANING</b>											
0	Not Active											
1	Active											
21	6	1	F0132	Quadr1ConvStatus	V	n/a	0	1	F1184	50001	212	6
<b>RAW</b>	<b>MEANING</b>											
0	Not Active											
1	Active											
21	7	1	F0133	Quad0PowerStatus	V	n/a	0	1	F1185	50001	212	7
<b>RAW</b>	<b>MEANING</b>											
0	Not Active											
1	Active											
22	0	16	FIX		F	none	3	3	3			
24	0	16	FIX		F	none	60304	60304				

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0141</i>	<i>VCSET</i>	<i>5</i>	<i>3</i>	<i>254</i>	<i>82</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FE52**

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	82

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	82	82	82						
12	0	16	FIX		F	none	11	11	11						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	82	82	82						
20	0	11	FIX		F	none	0	0	0						
21	3	1	F0134	OperHeatConvSele	V	n/a		0	1	F1202	50001	233	0		
<b>RAW</b>				<b>MEANING</b>											
0				Not Selected											
1				Selected											
21	4	1	F0135	Qua3HiVolConvSel	V	n/a		0	1	F1197	50001	224	0		
<b>RAW</b>				<b>MEANING</b>											
0				Not Selected											
1				Selected											
21	5	1	F0136	Qua2HiVolConvSel	V	n/a		0	1	F1196	50001	223	0		
<b>RAW</b>				<b>MEANING</b>											
0				Not Selected											
1				Selected											

**EPCS TC PACKETS**

21	6	1	F0137	Qua1HiVolConvSel	V	n/a	0	1	F1195	50001	222	0
<b>RAW</b>	<b>MEANING</b>											
0	Not Selected											
1	Selected											
21	7	1	F0138	Qua0HiVolConvSel	V	n/a	0	1	F1194	50001	221	0
<b>RAW</b>	<b>MEANING</b>											
0	Not Selected											
1	Selected											
22	0	16	FIX		F	none	9	9	9			
24	0	8	FIX		F	none	0	0	0			
25	0	8	F0139	ConvDigitalLevel	V	n/a	0	255				
<b>CURVE</b>												
26	0	16	FIX		F	none	3	3	3			
28	0	16	FIX		F	none	60304	60304				

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0142</i>	<i>VCIION/OFF</i>	<i>5</i>	<i>3</i>	<i>254</i>	<i>83</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FE53**

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	83

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	83	83	83						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	83	83	83						
20	0	16	F0120	Mode Selection	V	n/a		0	1	F1168	50001	210	2		
<b>RAW</b>			<b>MEANING</b>												
0			Disabled												
1			Enabled												
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0143	VCYNSCON/OFF	5	3	254	84	N/A	N/A

Offset Word 0:1F00

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

Offset Word 3:3953

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

Offset Word 1:variable

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

Offset Word 4:FE54

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	84

Offset Word 2:variable

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	84	84	84						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	84	84	84						
20	0	16	F0120	Mode Selection	V	n/a		0	1	F1169	50001	210	3		
<b>RAW</b>			<b>MEANING</b>												
0			Disabled												
1			Enabled												
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0158</i>	<i>CHSETSV</i>	<i>5</i>	<i>3</i>	<i>254</i>	<i>176</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FEB0**

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	176

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	176	176	176						
12	0	16	FIX		F	none	11	11	11						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	3	3	3						
18	0	16	FIX		F	none	176	176	176						
20	0	12	FIX		F	none	0	0	0						
21	4	4	F0140	StaticVoltageSel	V	n/a		2	11						
<b>RAW</b>	<b>MEANING</b>														
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														
22	0	16	FIX		F	none	9	9	9						

***EPCS TC PACKETS***

24	0	12	FIX		F	none	0	0	0
25 CURVE	4	4	F0141	StaticVoltDigSet	V	n/a		0	15
26	0	16	FIX		F	none	3	3	3
28	0	16	FIX		F	none		60304	60304

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0159</i>	<i>CHPWRON</i>	<i>5</i>	<i>3</i>	<i>254</i>	<i>177</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FEB1**

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	177

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	177	177	177						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	177	177	177						
20	0	12	FIX		F	none	0	0	0						
21	4	1	F0142	UVAR OffsetSelect	V	n/a		0	1	F1205	50001	237	3		
<b>RAW</b>				<b>MEANING</b>											
0				Not Selected											
1				Selected											
21	5	1	F0143	CCD FFDR Select	V	n/a		0	1	F1206	50001	237	4		
<b>RAW</b>				<b>MEANING</b>											
0				Not Selected											
1				Selected											
21	6	1	F0144	CCD BIAS Select	V	n/a		0	1	F1207	50001	237	5		
<b>RAW</b>				<b>MEANING</b>											
0				Not Selected											
1				Selected											

***EPCS TC PACKETS***

21	7	1	F0145	CAMEX/TIMEX Sel	V	n/a	0	1	F1208	50001	237	6
<b>RAW</b>	<b>MEANING</b>											
0	Not Selected											
1	Selected											
22	0	16	FIX		F	none	3	3				
24	0	16	FIX		F	none	60304	60304				

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0160</i>	<i>CHPWROFF</i>	<i>5</i>	<i>3</i>	<i>254</i>	<i>178</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FEB2**

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	178

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	178	178	178						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	178	178	178						
20	0	12	FIX		F	none	0	0	0						
21	4	1	F0142	UVAR OffsetSelect	V	n/a		0	1	F1205	50001	237	3		
<b>RAW</b>				<b>MEANING</b>											
0				Not Selected											
1				Selected											
21	5	1	F0143	CCD FFDR Select	V	n/a		0	1	F1206	50001	237	4		
<b>RAW</b>				<b>MEANING</b>											
0				Not Selected											
1				Selected											
21	6	1	F0144	CCD BIAS Select	V	n/a		0	1	F1207	50001	237	5		
<b>RAW</b>				<b>MEANING</b>											
0				Not Selected											
1				Selected											

***EPCS TC PACKETS***

21	7	1	F0145	CAMEX/TIMEX Sel	V	n/a	0	1	F1208	50001	237	6
<b>RAW</b>	<b>MEANING</b>											
0	Not Selected											
1	Selected											
22	0	16	FIX		F	none	3	3				
24	0	16	FIX		F	none	60304	60304				

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0161	CHPWRON/OFF	5	3	254	179	N/A	N/A

Offset Word 0:1F00

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

Offset Word 3:3953

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

Offset Word 1:variable

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

Offset Word 4:FEB3

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	179

Offset Word 2:variable

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	179	179	179						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	179	179	179						
20	0	12	FIX		F	none	0	0	0						
21	4	1	F0146	UVAR Offset Stat	V	n/a		0	1	F1205	50001	237	3		
RAW				MEANING											
0				Not Active											
1				Active											
21	5	1	F0147	CCD FFDR Status	V	n/a		0	1	F1206	50001	237	4		
RAW				MEANING											
0				Not Active											
1				Active											
21	6	1	F0148	CCD BIAS Status	V	n/a		0	1	F1207	50001	237	5		
RAW				MEANING											
0				Not Active											
1				Active											

***EPCS TC PACKETS***

21	7	1	F0149	CAMEX/TIMEX	V	n/a	0	1	F1208	50001	237	6
<b>RAW</b>	<b>MEANING</b>											
0	Not Active											
1	Active											
22	0	16	FIX		F	none	3	3				
24	0	16	FIX		F	none	60304	60304				

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0162</i>	<i>CHCMXTSW</i>	<i>5</i>	<i>3</i>	<i>254</i>	<i>180</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FEB4**

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	180

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	180	180	180						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	180	180	180						
20	0	12	FIX		F	none	0	0	0						
21	4	1	F0150	TestPulseStatus	V	n/a		0	1	F1221	50001	241	0		
<b>RAW</b>	<b>MEANING</b>														
0				Disabled											
1				Enabled											
21	5	1	F0151	TestSwitch3 Stat	V	n/a		0	1	F1222	50001	241	1		
<b>RAW</b>	<b>MEANING</b>														
0				Disabled											
1				Enabled											
21	6	1	F0152	TestSwitch2 Stat	V	n/a		0	1	F1223	50001	241	2		
<b>RAW</b>	<b>MEANING</b>														
0				Disabled											
1				Enabled											

***EPCS TC PACKETS***

21	7	1	F0153	TestSwitch1 Stat	V	n/a	0	1	F1224	50001	241	3
<b>RAW</b>												
0												
1												
22	0	16	FIX		F	none	3	3				3
24	0	16	FIX		F	none	60304	60304				

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0163</i>	<i>CHCMXGAIN</i>	<i>5</i>	<i>3</i>	<i>254</i>	<i>181</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FEB5**

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	181

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	181	181	181						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	181	181	181						
20	0	13	FIX		F	none	0	0	0						
21	5	1	F0154	CAMEX 2 GainStat	V	n/a		0	1	F1225	50001	241	5		
<b>RAW</b>			<b>MEANING</b>												
0				Low											
1				High											
21	6	1	F0155	CAMEX 1 GainStat	V	n/a		0	1	F1226	50001	241	6		
<b>RAW</b>			<b>MEANING</b>												
0				Low											
1				High											
21	7	1	F0156	CAMEX 0 GainStat	V	n/a		0	1	F1227	50001	241	7		
<b>RAW</b>			<b>MEANING</b>												
0				Low											
1				High											

***EPCS TC PACKETS***

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22	0	16	FIX	F	none	3	3	3
24	0	16	FIX	F	none		60304	60304

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0164</i>	<i>CHEARES</i>	<i>5</i>	<i>3</i>	<i>254</i>	<i>182</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FEB6**

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	182

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	182	182	182						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	182	182	182						
20	0	16	FIX		F	none	0	0	0						
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
<b>F0168</b>	<b>EPCEResetCommand</b>	<b>5</b>	<b>3</b>	<b>255</b>	<b>192</b>	<b>N/A</b>	<b>N/A</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FFC0**

Bit	Width	Name	F/V	Value
0	8	TID	F	255
8	8	FID	F	192

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE BIT W PREF NAME F/V UNIT VALUE MINVAL MAXVAL TM VER TPN BYTE BIT VALUE

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<b>F0169</b>	<b>DumpEPEAI Memory</b>	<b>6</b>	<b>2</b>	<b>N/A</b>	<b>N/A</b>	<b>32</b>	<b>N/A</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3962**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	6
12	4	Packet Subtype	F	2

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:0020**

Bit	Width	Name	F/V	Value
0	16	MID	F	32

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

**Offset Word 5: variable**

Bit	Width	Name	F/V	Value
0	32	Start Address	V	X

**Offset Word 7: variable**

Bit	Width	Name	F/V	Value
0	16	Length	V	X

<b>BYTE</b>	<b>BIT</b>	<b>W</b>	<b>PREF</b>	<b>NAME</b>	<b>F/V</b>	<b>UNIT</b>	<b>VALUE</b>	<b>MINVAL</b>	<b>MAXVAL</b>	<b>TM</b>	<b>VER</b>	<b>TPN</b>	<b>BYTE</b>	<b>BIT</b>	<b>VALUE</b>
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<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<b>F0170</b>	<b>CalcEPEAI MemCKS</b>	<b>6</b>	<b>3</b>	<b>N/A</b>	<b>N/A</b>	<b>32</b>	<b>N/A</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3963**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	6
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:0020**

Bit	Width	Name	F/V	Value
0	16	MID	F	32

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

**Offset Word 5: variable**

Bit	Width	Name	F/V	Value
0	32	Start Address	V	X

**Offset Word 7: variable**

Bit	Width	Name	F/V	Value
0	16	Length	V	X

<b>BYTE</b>	<b>BIT</b>	<b>W</b>	<b>PREF</b>	<b>NAME</b>	<b>F/V</b>	<b>UNIT</b>	<b>VALUE</b>	<b>MINVAL</b>	<b>MAXVAL</b>	<b>TM</b>	<b>VER</b>	<b>TPN</b>	<b>BYTE</b>	<b>BIT</b>	<b>VALUE</b>
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MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0171	DumpEPEA2 Memory	6	2	N/A	N/A	48	N/A

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3962**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	6
12	4	Packet Subtype	F	2

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:0030**

Bit	Width	Name	F/V	Value
0	16	MID	F	48

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

**Offset Word 5: variable**

Bit	Width	Name	F/V	Value
0	32	Start Address	V	X

**Offset Word 7: variable**

Bit	Width	Name	F/V	Value
0	16	Length	V	X

BYTE BIT W PREF NAME F/V UNIT VALUE MINVAL MAXVAL TM VER TPN BYTE BIT VALUE

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<b>F0172</b>	<b>CalcEPEA2 MemCKS</b>	<b>6</b>	<b>3</b>	<b>N/A</b>	<b>N/A</b>	<b>48</b>	<b>N/A</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3963**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	6
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:0030**

Bit	Width	Name	F/V	Value
0	16	MID	F	48

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

**Offset Word 5: variable**

Bit	Width	Name	F/V	Value
0	32	Start Address	V	X

**Offset Word 7: variable**

Bit	Width	Name	F/V	Value
0	16	Length	V	X

<b>BYTE</b>	<b>BIT</b>	<b>W</b>	<b>PREF</b>	<b>NAME</b>	<b>F/V</b>	<b>UNIT</b>	<b>VALUE</b>	<b>MINVAL</b>	<b>MAXVAL</b>	<b>TM</b>	<b>VER</b>	<b>TPN</b>	<b>BYTE</b>	<b>BIT</b>	<b>VALUE</b>
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<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<b>F0173</b>	<b>DumpEPEA3 Memory</b>	<b>6</b>	<b>2</b>	<b>N/A</b>	<b>N/A</b>	<b>64</b>	<b>N/A</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3962**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	6
12	4	Packet Subtype	F	2

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:0040**

Bit	Width	Name	F/V	Value
0	16	MID	F	64

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

**Offset Word 5: variable**

Bit	Width	Name	F/V	Value
0	32	Start Address	V	X

**Offset Word 7: variable**

Bit	Width	Name	F/V	Value
0	16	Length	V	X

<b>BYTE</b>	<b>BIT</b>	<b>W</b>	<b>PREF</b>	<b>NAME</b>	<b>F/V</b>	<b>UNIT</b>	<b>VALUE</b>	<b>MINVAL</b>	<b>MAXVAL</b>	<b>TM</b>	<b>VER</b>	<b>TPN</b>	<b>BYTE</b>	<b>BIT</b>	<b>VALUE</b>
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<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<b>F0174</b>	<b>CalcEPEA3 MemCKS</b>	<b>6</b>	<b>3</b>	<b>N/A</b>	<b>N/A</b>	<b>64</b>	<b>N/A</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3963**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	6
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:0040**

Bit	Width	Name	F/V	Value
0	16	MID	F	64

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

**Offset Word 5: variable**

Bit	Width	Name	F/V	Value
0	32	Start Address	V	X

**Offset Word 7: variable**

Bit	Width	Name	F/V	Value
0	16	Length	V	X

<b>BYTE</b>	<b>BIT</b>	<b>W</b>	<b>PREF</b>	<b>NAME</b>	<b>F/V</b>	<b>UNIT</b>	<b>VALUE</b>	<b>MINVAL</b>	<b>MAXVAL</b>	<b>TM</b>	<b>VER</b>	<b>TPN</b>	<b>BYTE</b>	<b>BIT</b>	<b>VALUE</b>
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<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0175</i>	<i>EARAMCHK</i>	<i>5</i>	<i>3</i>	<i>253</i>	<i>129</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FD81**

Bit	Width	Name	F/V	Value
0	8	TID	F	253
8	8	FID	F	129

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	129	129	129						
12	0	16	FIX		F	none	13	13	13						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	4	4	4						
18	0	16	FIX		F	none	129	129	129						
<b>20</b>	0	16	F0059	SegmentStartAddr	V	n/a				F1512	50002		26	0	
<b>CURVE</b>															
22	0	16	FIX		F	none	9	9	9						
<b>24</b>	0	16	F0060	OffsetStartAddr	V	n/a				F1513	50002		28	0	
<b>CURVE</b>															
26	0	16	FIX		F	none	9	9	9						
<b>28</b>	0	16	F0061	MemoryAreaLength	V	n/a				F1514	50002		30	0	
<b>CURVE</b>															

***EPCS TC PACKETS***

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30	0	16	FIX	F	none	3	3	3
32	0	16	FIX	F	none		60304	60304

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0176	EAMAXFRC	5	3	253	124	N/A	N/A

Offset Word 0:1F00

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

Offset Word 3:3953

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

Offset Word 1:variable

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

Offset Word 4:FD7C

Bit	Width	Name	F/V	Value
0	8	TID	F	253
8	8	FID	F	124

Offset Word 2:variable

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	124	124	124						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	124	124	124						
20	0	16	F0101	Cycles Number	V	n/a		0	65535	F1538		50002	60	0	
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<b>F0177</b>	<b>EAFILLWORD</b>	<b>5</b>	<b>3</b>	<b>253</b>	<b>126</b>	<b>N/A</b>	<b>N/A</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FD7E**

Bit	Width	Name	F/V	Value
0	8	TID	F	253
8	8	FID	F	126

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	126	126	126						
12	0	16	FIX		F	none	15	15	15						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	5	5	5						
18	0	16	FIX		F	none	126	126	126						
20	0	16	F0059	SegmentStartAddr	V	n/a									
<b>CURVE</b>															
22	0	16	FIX		F	none	9	9	9						
24	0	16	F0060	OffsetStartAddr	V	n/a									
<b>CURVE</b>															
26	0	16	FIX		F	none	9	9	9						
28	0	16	F0061	MemoryAreaLength	V	n/a									
<b>CURVE</b>															

***EPCS TC PACKETS***

30	0	16	FIX		F	none	9	9	9
32 <b>CURVE</b>	0	16	F0070	16-bit data	V	n/a		0	65535
34	0	16	FIX		F	none	3	3	3
38	0	16	FIX		F	none		60304	60304

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0178</i>	<i>EAWR_IO</i>	<i>5</i>	<i>3</i>	<i>253</i>	<i>127</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FD7F**

Bit	Width	Name	F/V	Value
0	8	TID	F	253
8	8	FID	F	127

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	127	127	127						
12	0	16	FIX		F	none	11	11	11						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	3	3	3						
18	0	16	FIX		F	none	127	127	127						
20	0	16	F0102	Port Address	V	n/a									
<b>CURVE</b>															
22	0	16	FIX		F	none	9	9	9						
24	0	16	F0070	16-bit data	V	n/a		0	65535						
<b>CURVE</b>															
26	0	16	FIX		F	none	3	3	3						
28	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0179</i>	<i>CERAMCHK</i>	<i>5</i>	<i>3</i>	<i>254</i>	<i>30</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FE1E**

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	30

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	30	30	30						
12	0	16	FIX		F	none	13	13	13						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	4	4	4						
18	0	16	FIX		F	none	30	30	30						
<b>20</b>	0	16	F0059	SegmentStartAddr	V	n/a				F1100	50001	148	0		
<b>CURVE</b>															
22	0	16	FIX		F	none	9	9	9						
<b>24</b>	0	16	F0060	OffsetStartAddr	V	n/a				F1101	50001	150	0		
<b>CURVE</b>															
26	0	16	FIX		F	none	9	9	9						
<b>28</b>	0	16	F0061	MemoryAreaLength	V	n/a				F1102	50001	152	0		
<b>CURVE</b>															

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30	0	16	FIX	F	none	3	3	3
32	0	16	FIX	F	none		60304	60304

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0180</i>	<i>EACMADDOFFS</i>	<i>5</i>	<i>3</i>	<i>253</i>	<i>146</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FD92**

Bit	Width	Name	F/V	Value
0	8	TID	F	253
8	8	FID	F	146

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	146	146	146						
12	0	16	FIX		F	none	11	11	11						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	3	3	3						
18	0	16	FIX		F	none	146	146	146						
20	0	4	FIX		F	none	0	0	0						
20	4	4	F0005	CCD identifier	V	n/a		0	2	F1503	50002		12	0	
<b>RAW</b>	<b>MEANING</b>														
21	0	8	F0098	CCD Pixel Column	V	n/a		0	63	F1504	50002		13	0	
<b>CURVE</b>															
22	0	16	FIX		F	none	9	9	9						
24	0	16	F0103	Value To Add	V	n/a				F1505	50002		14	0	
<b>CURVE</b>															

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26	0	16	FIX	F	none	3	3	3
28	0	16	FIX	F	none		60304	60304

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0181</i>	<i>EAIOWR</i>	<i>5</i>	<i>3</i>	<i>253</i>	<i>142</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FD8E**

Bit	Width	Name	F/V	Value
0	8	TID	F	253
8	8	FID	F	142

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	142	142	142						
12	0	16	FIX		F	none	11	11	11						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	3	3	3						
18	0	16	FIX		F	none	142	142	142						
20	0	16	F0073	Data Selection	F	n/a		0	1						
<b>RAW</b>			<b>MEANING</b>												
22	0	16	FIX		F	none	9	9	9						
24	0	16	F0070	16-bit data	V	n/a		0	65535						
<b>CURVE</b>															
26	0	16	FIX		F	none	3	3	3						
28	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<b>F0182</b>	<b>EAIORD</b>	<b>5</b>	<b>3</b>	<b>253</b>	<b>143</b>	<b>N/A</b>	<b>N/A</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FD8F**

Bit	Width	Name	F/V	Value
0	8	TID	F	253
8	8	FID	F	143

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	143	143	143						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	143	143	143						
20	0	16	F0073	Data Selection	F	n/a		0	1						
<b>RAW</b>			<b>MEANING</b>												
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0183</i>	<i>EAMMODE</i>	<i>5</i>	<i>3</i>	<i>253</i>	<i>141</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FD8D**

Bit	Width	Name	F/V	Value
0	8	TID	F	253
8	8	FID	F	141

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	141	141	141						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	141	141	141						
20	0	13	FIX		F	none	0	0	0						
21	5	1	F0075	WritingVerificat	V	n/a		0	1	F1301	50001	312	5		
<b>RAW</b>			<b>MEANING</b>												
0				Yes											
1				No											
21	6	1	F0076	Address Autoincr	V	n/a		0	1	F1299	50001	312	3		
<b>RAW</b>			<b>MEANING</b>												
0				Off											
1				On											
21	7	1	F0077	Data Update Mode	V	n/a		0	1	F1298	50001	312	2		
<b>RAW</b>			<b>MEANING</b>												
0				One time											
1				Continuously											

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22	0	16	FIX	F	none	3	3	3
24	0	16	FIX	F	none		60304	60304

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0185</i>	<i>EASAVEOFT</i>	<i>5</i>	<i>3</i>	<i>253</i>	<i>119</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FD77**

Bit	Width	Name	F/V	Value
0	8	TID	F	253
8	8	FID	F	119

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	119	119	119						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	119	119	119						
20	0	11	FIX		F	none	0	0	0						
21	3	1	F0104	Save/LoadOffsetT	V	n/a		0	1						
<b>RAW</b>			<b>MEANING</b>												
0				Save											
1				Load											
21	4	4	F0005	CCD identifier	V	n/a		0	2						
<b>RAW</b>			<b>MEANING</b>												
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<b>F0186</b>	<b>CEIOWR</b>	<b>5</b>	<b>3</b>	<b>254</b>	<b>37</b>	<b>N/A</b>	<b>N/A</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FE25**

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	37

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	37	37	37						
12	0	16	FIX		F	none	11	11	11						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	3	3	3						
18	0	16	FIX		F	none	37	37	37						
20	0	16	F0073	Data Selection	F	n/a		0	1						
<b>RAW</b>		<b>MEANING</b>													
22	0	16	FIX		F	none	9	9	9						
24	0	16	F0070	16-bit data	V	n/a									
<b>CURVE</b>															
26	0	16	FIX		F	none	3	3	3						
28	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0187</i>	<i>CEIORD</i>	<i>5</i>	<i>3</i>	<i>254</i>	<i>38</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FE26**

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	38

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	38	38	38						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	38	38	38						
20	0	16	F0073	Data Selection	F	n/a		0	1						
<b>RAW</b>	<b>MEANING</b>														
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0188	FWSLOW/FAST	5	3	254	55	N/A	N/A

Offset Word 0:1F00

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

Offset Word 3:3953

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

Offset Word 1:variable

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

Offset Word 4:FE37

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	55

Offset Word 2:variable

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	55	55	55						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	55	55	55						
20	0	16	F0122	FW	V	n/a		0	1	F1115	50001	167	6		
<b>RAW</b>			<b>MEANING</b>												
0			Slow												
1			Fast												
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0189</i>	<i>FWTOUTON/OFF</i>	<i>5</i>	<i>3</i>	<i>254</i>	<i>56</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FE38**

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	56

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	56	56	56						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	56	56	56						
20	0	16	F0120	Mode Selection	V	n/a		0	1	F1116	50001	167	7		
<b>RAW</b>			<b>MEANING</b>												
0			Disabled												
1			Enabled												
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0190	FWSTOPON/OFF	5	3	254	57	N/A	N/A

Offset Word 0:1F00

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

Offset Word 3:3953

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

Offset Word 1:variable

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

Offset Word 4:FE39

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	57

Offset Word 2:variable

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	57	57	57						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	57	57	57						
20	0	16	F0120	Mode Selection	V	n/a		0	1	F1113	50001	166	2		
<b>RAW</b>			<b>MEANING</b>												
0			Disabled												
1			Enabled												
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0191	BELWPON/OFF	5	3	254	58	N/A	N/A

Offset Word 0:1F00

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

Offset Word 3:3953

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

Offset Word 1:variable

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

Offset Word 4:FE3A

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	58

Offset Word 2:variable

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	58	58	58						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	58	58	58						
20	0	16	F0120	Mode Selection	V	n/a		0	1	F1130	50001	185	5		
<b>RAW</b>			<b>MEANING</b>												
0			Disabled												
1			Enabled												
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<b>F0192</b>	<b>EAPATCH</b>	<b>5</b>	<b>3</b>	<b>253</b>	<b>157</b>	<b>N/A</b>	<b>N/A</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FD9D**

Bit	Width	Name	F/V	Value
0	8	TID	F	253
8	8	FID	F	157

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	157	157	157						
12	0	16	FIX		F	none	13	13	13						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	4	4	4						
18	0	16	FIX		F	none	157	157	157						
20	0	16	F0164	Patch Pointer	V	n/a		0	2						
<b>RAW</b>			<b>MEANING</b>												
0			PROMTabEntr												
1			EntryByNumb.												
2			EntryByAddr.												
22	0	16	FIX		F	none	9	9	9						
24	0	16	F0165	EntryNumID/AddSe	V	n/a									
<b>CURVE</b>															
26	0	16	FIX		F	none	9	9	9						
28	0	16	F0166	EntryAddressOffs	V	n/a									
<b>CURVE</b>															

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30	0	16	FIX	F	none	3	3	3
32	0	16	FIX	F	none		60304	60304

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0193</i>	<i>CEPATCH</i>	<i>5</i>	<i>3</i>	<i>254</i>	<i>39</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FE27**

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	39

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	39	39	39						
12	0	16	FIX		F	none	13	13	13						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	4	4	4						
18	0	16	FIX		F	none	39	39	39						
20	0	16	F0164	Patch Pointer	V	n/a		0	2						
<b>RAW</b>			<b>MEANING</b>												
0			PROMTabEntr												
1			EntryByNumb.												
2			EntryByAddr.												
22	0	16	FIX		F	none	9	9	9						
24	0	16	F0165	EntryNumID/AddSe	V	n/a									
<b>CURVE</b>															
26	0	16	FIX		F	none	9	9	9						
28	0	16	F0166	EntryAddressOffs	V	n/a									
<b>CURVE</b>															

***EPCS TC PACKETS***

30	0	16	FIX	F	none	3	3	3
32	0	16	FIX	F	none	60304	60304	

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<i>F0194</i>	<i>CEDC</i>	<i>5</i>	<i>3</i>	<i>254</i>	<i>35</i>	<i>N/A</i>	<i>N/A</i>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FE23**

Bit	Width	Name	F/V	Value
0	8	TID	F	254
8	8	FID	F	35

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	35	35	35						
12	0	16	FIX		F	none	11	11	11						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	3	3	3						
18	0	16	FIX		F	none	35	35	35						
20	0	8	FIX		F	none	0	0	0						
<b>21</b>	0	4	F0114	Slave Address	V	n/a				F1103	50001	154	0		
<b>CURVE</b>															
<b>21</b>	4	4	F0115	Register Address	V	n/a				F1204	50001	154	4		
<b>CURVE</b>															
22	0	16	FIX		F	none	9	9	9						
<b>24</b>	0	16	F0070	16-bit data	V	n/a		0	65535	F1104	50001	155	0		
<b>CURVE</b>															

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26	0	16	FIX	F	none	3	3	3
28	0	16	FIX	F	none		60304	60304

<b>MFN</b>	<b>NAME</b>	<b>TYPE</b>	<b>SUBTYPE</b>	<b>TID</b>	<b>FID</b>	<b>MID</b>	<b>MODE</b>
<b>F0195</b>	<b>EAMIP</b>	<b>5</b>	<b>3</b>	<b>253</b>	<b>125</b>	<b>N/A</b>	<b>N/A</b>

**Offset Word 0:1F00**

Bit	Width	Name	F/V	Value
0	3	Version Number	F	0
3	1	Type	F	1
4	1	Data Field Header Flag	F	1
5	11	APID	F	1792

**Offset Word 3:3953**

Bit	Width	Name	F/V	Value
0	2	Spare	F	0
2	2	Checksum Type	F	3
4	4	Acknowledge	F	9
8	4	Packet Type	F	5
12	4	Packet Subtype	F	3

**Offset Word 1:variable**

Bit	Width	Name	F/V	Value
0	2	Sequence Flags	F	3
2	14	Sequence Count	V	X

**Offset Word 4:FD7D**

Bit	Width	Name	F/V	Value
0	8	TID	F	253
8	8	FID	F	125

**Offset Word 2:variable**

Bit	Width	Name	F/V	Value
0	16	Packet Length	V	X

BYTE	BIT	W	PREF	NAME	F/V	UNIT	VALUE	MINVAL	MAXVAL	TM	VER	TPN	BYTE	BIT	VALUE
10	0	8	FIX		F	none	255	255	255						
11	0	8	FIX		F	none	125	125	125						
12	0	16	FIX		F	none	9	9	9						
14	0	16	FIX		F	none	0	0	0						
16	0	16	FIX		F	none	2	2	2						
18	0	16	FIX		F	none	125	125	125						
20	0	16	F0074	MIP's Threshold	V	n/a		0	4095	F1579		50002	66	0	
22	0	16	FIX		F	none	3	3	3						
24	0	16	FIX		F	none		60304	60304						