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<i>Title</i>	TC/TM DATABASE FOR THE EPIC PN CAMERA SYSTEM (EPCS)
<i>Authors</i>	LA PALOMBARA, NICOLA
<i>Handle</i>	http://hdl.handle.net/20.500.12386/33399

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

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						

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

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
F0003	EnterObservation	5	5	N/A	N/A	N/A	2

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						
RAW				MEANING											
1				Offset Table											
16				Noise Table											
11	0	8	F0002	Readout Number	V	n/a		1	100						
CURVE															
12	0	16	F0003	CCD Start Line	V	n/a		0	196	F1501	50002		10	0	
CURVE															
14	0	16	F0004	CCD Stop Line	V	n/a		0	196	F1502	50002		11	0	
CURVE															

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

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						
12	0	16	F0003	CCD Start Line	V	n/a		0	196						
14	0	16	F0006	ReadoutFrameNumb	V	n/a		0	100						

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

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						
RAW			MEANING												
0			EPCS												
1			EPDH												

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0009	EnterEPDHBASICSW	5	1	252	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 3:3951

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
F0010	ExitEPDHBASICSW	5	2	252	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 3:3952

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
F0011	Load EPDH Memory	6	1	N/A	N/A	0	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 3:3961

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
F0014	StartPeriodTask	5	3	0	3	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 4:0003

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									
RAW			MEANING												

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0015	StartSporadTask	5	3	1	3	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 4:0103

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									
RAW			MEANING												

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0016	StopPeriodicTask	5	3	0	4	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 4:0004

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									
RAW			MEANING												

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

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									
RAW			MEANING												
12	0	16	F0011	Locking Time	V	n/a									
CURVE															

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

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									
RAW			MEANING												

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0019	LoadSporadicTask	5	3	1	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 4:0101

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									
CURVE															
12	0	16	F0013	OverrunTolerance	V	n/a									
RAW															
14	0	16	F0014	MaxOvrrunCounter	V	n/a									
CURVE															
16	0	16	F0015	EPDHTaskPriority	V	n/a									
CURVE															

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									
CURVE															
12	0	16	F0016	EPDH Task Period	V	n/a									
CURVE															
14	0	16	F0017	EPDH Task Phase	V	n/a									
CURVE															
16	0	16	F0013	OverrunTolerance	V	n/a									
RAW															
18	0	16	F0014	MaxOvrrunCounter	V	n/a									
CURVE															
20	0	16	F0018	EPDH Task Status	V	n/a									
RAW															
22	0	16	F0011	Locking Time	V	n/a									
CURVE															
24	0	16	F0015	EPDHTaskPriority	V	n/a									
CURVE															

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0021	UnloadPeriodTask	5	3	0	2	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 4:0002

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									
RAW			MEANING												

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0022	UnloadSporadTask	5	3	1	2	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 4:0102

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									
RAW			MEANING												

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0030	Test Command	13	1	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 3:39D1

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
------	-----	---	------	------	-----	------	-------	--------	--------	----	-----	-----	------	-----	-------

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0031	LoadHBRConfigur	5	3	255	128	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: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						
RAW	0			MEANING											
	1			Not Selected											
10	5	1	F0021	HBR3 SelecStatus	V	n/a		0	1						
RAW	0			MEANING											
	1			Not Selected											
10	6	1	F0020	HBR2 SelecStatus	V	n/a		0	1						
RAW	0			MEANING											
	1			Not Selected											
10	7	1	F0019	HBR1 SelecStatus	V	n/a		0	1						
RAW	0			MEANING											
	1			Not 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	
RAW	0			MEANING											
	1			Not Active											
11	5	1	F0025	HBR3 ActivStatus	V	n/a		0	1	F2040	50020		11	5	
RAW	0			MEANING											
	1			Not Active											
11	6	1	F0024	HBR2 ActivStatus	V	n/a		0	1	F2039	50020		11	6	
RAW	0			MEANING											
	1			Not Active											
	1			Active											

11	7	1	F0023	HBR1 ActivStatus	V	n/a	0	1	F2038	50020	11	7
RAW	MEANING											
0	Not Active											
1	Active											
12	0	16	F0027	HBR1 ProcessMode	V	n/a	1	6	F2027	50020	12	0
RAW	MEANING											
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
RAW	MEANING											
0	Normal											
3	Transparent											
14	4	4	F0031	HBR 1 CCD 0 mode	V	n/a	0	5	F2015	50020	14	4
RAW	MEANING											
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
RAW	MEANING											
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
RAW	MEANING											
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
RAW	MEANING											
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
RAW	MEANING											
0	Normal											
3	Transparent											
18	4	4	F0034	HBR 2 CCD 0 mode	V	n/a	0	5	F2018	50020	18	4
RAW	MEANING											
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	
RAW	MEANING												
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	
RAW	MEANING												
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	
RAW	MEANING												
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	
RAW	MEANING												
0	Normal												
3	Transparent												
22	4	4	F0037	HBR 3 CCD 0 mode	V	n/a	0	5	F2021	50020	22	4	
RAW	MEANING												
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	
RAW	MEANING												
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	
RAW	MEANING												
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	
RAW	MEANING												
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
RAW	0			Normal									
	3			Transparent									
26	4	4	F0040	HBR 4 CCD 0 mode	V	n/a		0	5	F2024	50020	26	4
RAW	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
RAW	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
RAW	0			Not Active									
	1			Imaging FF									
	2			Imaging LW									
	3			Imaging SW									
	4			Timing									
	5			Burst									

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0032	LoadHBRBufferSiz	5	3	255	129	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: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						
RAW			MEANING												
0			Not Selected												
1			Selected												
11	5	1	F0021	HBR3 SelecStatus	V	n/a		0	1						
RAW			MEANING												
0			Not Selected												
1			Selected												
11	6	1	F0020	HBR2 SelecStatus	V	n/a		0	1						
RAW			MEANING												
0			Not Selected												
1			Selected												
11	7	1	F0019	HBR1 SelecStatus	V	n/a		0	1						
RAW			MEANING												
0			Not Selected												
1			Selected												
12	0	32	F0043	HBR1BuffStartAdd	V	n/a				F2005	50021		10	0	
CURVE															
16	0	32	F0044	HBR1 BuffEndAdd	V	n/a				F2006	50021		14	0	
CURVE															
20	0	32	F0045	HBR2BuffStartAdd	V	n/a				F2007	50021		18	0	
CURVE															
24	0	32	F0046	HBR2 BuffEndAddr	V	n/a				F2008	50021		22	0	
CURVE															

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Appendix L

28 CURVE	0	32	F0047	HBR3BuffStartAddr	V	n/a	F2009	50021	26	0
32 CURVE	0	32	F0048	HBR3 BuffEndAddr	V	n/a	F2010	50021	30	0
36 CURVE	0	32	F0049	HBR4BuffStartAddr	V	n/a	F2011	50021	34	0
40 CURVE	0	32	F0050	HBR4 BuffEndAddr	V	n/a	F2012	50021	38	0

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0036	LoadThermMonLim	5	3	255	160	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: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	
CURVE															
11	0	8	F0052	TherMonLowTemL	V	n/a				F2014	50022		11	0	
CURVE															

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0037	ReportHBR Config	5	4	255	128	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 3:3954

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
F0038	ReportHBRBufSize	5	4	255	129	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 3:3954

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
F0042	ReportTherMonLim	5	4	255	160	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 3:3954

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
------	-----	---	------	------	-----	------	-------	--------	--------	----	-----	-----	------	-----	-------

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0043	ArmPowerDoorHOP	5	3	255	208	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: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
F0045	RemovePW DoorHOP	5	3	255	210	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: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
------	-----	---	------	------	-----	------	-------	--------	--------	----	-----	-----	------	-----	-------

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0046	ArmPW VentValHOP	5	3	255	224	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: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
F0047	FirePW VenValHOP	5	3	255	225	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: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
F0048	RemPW VentValHOP	5	3	255	226	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: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
------	-----	---	------	------	-----	------	-------	--------	--------	----	-----	-----	------	-----	-------

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0049	Apply PW FW	5	3	255	241	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: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

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
F0050	Remove PW FW	5	3	255	242	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: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
------	-----	---	------	------	-----	------	-------	--------	--------	----	-----	-----	------	-----	-------

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0051	Dump EPDH Memory	6	2	N/A	N/A	0	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 4:0000

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

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
F0052	CalcEPDH MemCKS	6	3	N/A	N/A	0	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 3:3963

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

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
F0055	RepTMPktGenStat	9	1	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 3:3991

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
F0056	EnaGenAllTM Pkts	9	2	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 3:3992

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
F0057	DisGenAllTM Pkts	9	3	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 3:3993

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
F0058	EnaGenSpecTMPkts	9	4	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 3:3994

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
F0060	Enable OBT Synch	10	2	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 3:39A2

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
F0061	Add Time Code	10	3	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 3:39A3

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
F0062	Enable OBT Verif	10	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 3:39A5

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
------	-----	---	------	------	-----	------	-------	--------	--------	----	-----	-----	------	-----	-------

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0063	PresetTimeCount	5	3	255	176	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: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

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0064	Dump EPCE Memory	6	2	N/A	N/A	80	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 4:0050

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

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
F0065	CalcEPCE MemCKS	6	3	N/A	N/A	80	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 3:3963

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

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
F0067	DumpEPEA0 Memory	6	2	N/A	N/A	16	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 4:0010

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

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
F0068	CalcEPEA0 MemCKS	6	3	N/A	N/A	16	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 3:3963

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

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
F0069	SendScientTable	5	3	253	150	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: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						
CURVE															
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						
RAW	1	MEANING													
	16	Offset Table													
24	0	16	FIX	Noise Table	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						
RAW		MEANING													

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28	0	16	FIX		F	none	9	9	9
30 CURVE	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

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0074	EASETWAIT	5	3	253	123	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: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		
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
F0075	EAHBRSD	5	3	253	137	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: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						
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
F0076	EAHBRTEPIC	5	3	253	139	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: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						
CURVE															
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
F0078	CERESERR	5	3	254	16	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: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		
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
F0080	CERESER	5	3	254	18	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: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						

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0081	CEWBOOT	5	3	254	19	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: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						

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0082	Load EPCE Memory	6	1	N/A	N/A	80	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 3:3961

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

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
F0083	CEDEBUG	5	3	254	32	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: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	
RAW	0		MEANING												
	255		Not Selected												
21	0	1	FIX		F	none	1	1	1						
21	1	1	F0163	RecTabDataShowSt	V	n/a		0	1	F1165		50001	204	1	
RAW	0		MEANING												
	1		Not Selected												
21	2	1	F0162	RecHKDataShowSt	V	n/a		0	1	F1477		50001	204	2	
RAW	0		MEANING												
	1		Not Selected												
	1		Selected												

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Appendix L

21	3	1	F0161	TransComShowStat	V	n/a	0	1	F1478	50001	204	3
RAW	MEANING											
0	Not Selected											
1	Selected											
21	4	1	F0160	TraTabDataShowSt	V	n/a	0	1	F1479	50001	204	4
RAW	MEANING											
0	Not Selected											
1	Selected											
21	5	1	F0159	TranHKDataShowSt	V	n/a	0	1	F1480	50001	204	5
RAW	MEANING											
0	Not Selected											
1	Selected											
21	6	1	F0158	ReceivCommShowSt	V	n/a	0	1	F1481	50001	204	6
RAW	MEANING											
0	Not Selected											
1	Selected											
21	7	1	F0157	HexComDataShowSt	V	n/a	0	1	F1482	50001	204	7
RAW	MEANING											
0	Not Selected											
1	Selected											
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
F0085	CEGOTO	5	3	254	20	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: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									
CURVE															
22	0	16	FIX		F	none	9	9	9						
24	0	16	F0068	Offset Jump Addr	V	n/a									
CURVE															
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
F0086	CEBPUT	5	3	254	23	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: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						
CURVE															
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
F0087	CEWPUT	5	3	254	24	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: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						
CURVE															
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
F0088	CEASET	5	3	254	22	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: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						
RAW			MEANING												
22	0	16	FIX		F	none	9	9	9						
24	0	16	F0072	Seg Off I/O Addr	V	n/a		0	65535						
CURVE															
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
F0089	CEBGET	5	3	254	25	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: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						

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0090	CEWGET	5	3	254	26	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:FE1A

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						

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0091	CEMMODE	5	3	254	27	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: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		
RAW	0		MEANING												
	1		Yes												
	1		No												
21	6	1	F0076	Address Autoincr	V	n/a		0	1	F1081	50001	130	3		
RAW	0		MEANING												
	0		Off												
	1		On												
21	7	1	F0077	Data Update Mode	V	n/a		0	1	F1080	50001	130	2		
RAW	0		MEANING												

0	One time					
1	Continuously					
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
F0092	CEQUADSEL	5	3	254	31	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: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		
RAW	0			MEANING											
	1			Not Selected											
21	5	1	F0109	Quadrant 2 Selec	V	n/a		0	1	F1075	50001	129	5		
RAW	0			MEANING											
	1			Not Selected											
21	6	1	F0108	Quadrant 1 Selec	V	n/a		0	1	F1076	50001	129	6		
RAW	0			MEANING											
	1			Not Selected											
	1			Selected											

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21	7	1	F0107	Quadrant 0 Selec	V	n/a	0	1	F1077	50001	129	7
RAW	MEANING											
0	Not Selected											
1	Selected											
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
F0093	CEMSEQ	5	3	254	34	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: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		
RAW	0			Disabled											
	1			Enabled											
20	7	1	F0112	QuadrantsReadout	V	n/a		0	1	F1289	50001	303	7		
RAW	0			Parallel											
	1			Sequential											
21	0	1	F0110	Quadrant 3 Selec	V	n/a		0	1	F1290	50001	304	0		
RAW	0			Not Selected											
	1			Selected											

EPCS TC PACKETS

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21	1	1	F0109	Quadrant 2 Selec	V	n/a	0	1	F1291	50001	304	1
RAW	MEANING											
0	Not Selected											
1	Selected											
21	2	1	F0108	Quadrant 1 Selec	V	n/a	0	1	F1292	50001	304	2
RAW	MEANING											
0	Not Selected											
1	Selected											
21	3	1	F0107	Quadrant 0 Selec	V	n/a	0	1	F1293	50001	304	3
RAW	MEANING											
0	Not Selected											
1	Selected											
21	4	4	F0113	QuadReadTimeInte	V	n/a			F1294	50001	304	4
CURVE												
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
F0094	Load EPEA Memory	6	1	N/A	N/A	96	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 3:3961

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

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
F0095	EAWBOOT	5	3	253	112	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: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						

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0096	EAGOTO	5	3	253	140	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: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									
CURVE															
22	0	16	FIX		F	none	9	9	9						
24	0	16	F0068	Offset Jump Addr	V	n/a									
CURVE															
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
F0097	EABPUT	5	3	253	133	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: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						
CURVE															
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
F0098	EAWPUT	5	3	253	134	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: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						
CURVE															
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
F0099	EAASET	5	3	253	132	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: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						
RAW			MEANING												
22	0	16	FIX		F	none	9	9	9						
24	0	16	F0072	Seg Off I/O Addr	V	n/a									
CURVE															
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
F0100	EABGET	5	3	253	135	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: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						

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0101	EAWGET	5	3	253	136	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: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						

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0102	EASECRES	5	3	253	113	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: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						

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0103	EARESERR	5	3	253	114	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: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						

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0104	EAQSEQ	5	3	253	115	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: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						

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0105	EAPMODE	5	3	253	117	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: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		
RAW			MEANING												
0			Idle												
1			Send												
2			Debug												
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
F0108	EACMCORR	5	3	253	147	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: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						

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0109	EACMLOTHR	5	3	253	148	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: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						
RAW			MEANING												
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						
CURVE															
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
F0110	EACMDEV	5	3	253	149	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: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						
RAW															
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						
CURVE															
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
F0111	EACHOP	5	3	253	155	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: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						

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0112	EACRLFIFO	5	3	253	156	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: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						

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0113	EACCDSEL	5	3	253	116	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: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		
RAW	0		MEANING												
	1		Off												
21	6	1	F0086	CCD 1 status	V	n/a		0	1	F1483	50001	328	6		
RAW	0		MEANING												
	1		Off												
21	7	1	F0085	CCD 0 status	V	n/a		0	1	F1319	50001	328	7		
RAW	0		MEANING												

0		Off				
1		On				
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
F0114	EARDMODE	5	3	253	118	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: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		
RAW															
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						

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0116	EASENDMODE	5	3	253	120	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: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		
RAW															
16				MEANING											
17				MIP correc.1											
18				MIP correc.2											
18				No MIP corr.											
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
F0117	EAMIPSEL	5	3	253	121	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: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		
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
F0118	EAWIND	5	3	253	122	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: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 CURVE	0	16	F0091	LowLeftCornerCCD	V	n/a		0	2	F1521	50002	41	0		
22	0	16	FIX		F	none	9	9	9						
24 CURVE	0	16	F0092	LowLeftCornerLin	V	n/a		0	199	F1522	50002	42	0		
26	0	16	FIX		F	none	9	9	9						
28 CURVE	0	16	F0093	UpRightCornerCCD	V	n/a		0	2	F1523	50002	43	0		

EPCS TC PACKETS

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Appendix L

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				

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0119	EACMLSTATUS	5	3	253	151	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: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						
RAW			MEANING												
1			Good												
16			Bad												
21	0	4	FIX		F	none	0	0	0						
21	4	4	F0005	CCD identifier	V	n/a		0	2						
RAW			MEANING												
22	0	16	FIX		F	none	9	9	9						
24	0	8	F0097	CCD Pixel Line	V	n/a		0	199						
CURVE															

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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

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0120	EACMLINE	5	3	253	152	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: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		
RAW			MEANING												
0			Good												
1			Bad												
20	4	4	F0005	CCD identifier	V	n/a		0	2	F1529	50002	51	4		
RAW			MEANING												
21	0	8	F0097	CCD Pixel Line	V	n/a		0	199	F1530	50002	52	0		
CURVE															
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
F0121	EACMCOL	5	3	253	153	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: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		
RAW			MEANING												
0			Good												
1			Bad												
20	4	4	F0005	CCD identifier	V	n/a		0	2	F1532	50002	53	4		
RAW			MEANING												
21	0	8	F0098	CCD Pixel Column	V	n/a		0	63	F1533	50002	54	0		
CURVE															
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		
RAW			MEANING												
1			On												
16			Off												
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
F0123	FWTOUT	5	3	254	48	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: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		
RAW	0	16	MEANING												
	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		
RAW			MEANING												
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		
RAW			MEANING												
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		
RAW			MEANING												
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
F0129	FWGOTO	5	3	254	53	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: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		
RAW			MEANING												
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						

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0130	FWCAL	5	3	254	54	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: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						

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0131	TOHTEMP	5	3	254	64	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: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		
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
F0132	TOHCTRL	5	3	254	65	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: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		
RAW			MEANING												
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
F0134	TDHTEMP	5	3	254	67	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: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						

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0135	TDHCTRL	5	3	254	68	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: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		
RAW			MEANING												
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
F0139	VCPWRON/OFF	5	3	254	80	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: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						
RAW			MEANING												
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						
RAW			MEANING												
0			Not Active												

1	Active							
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
F0140	VCMULTI	5	3	254	81	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: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		
RAW			MEANING												
0			Not Active												
1			Active												
21	1	1	F0127	DecHeat1PWStatus	V	n/a		0	1	F1179	50001	212	1		
RAW			MEANING												
0			Not Active												
1			Active												
21	2	1	F0128	FW Power Status	V	n/a		0	1	F1180	50001	212	2		
RAW			MEANING												
0			Not Active												
1			Active												

21	3	1	F0129	OperHeatConvStat	V	n/a	0	1	F1181	50001	212	3
RAW	MEANING											
0	Not Active											
1	Active											
21	4	1	F0130	Quadr3ConvStatus	V	n/a	0	1	F1182	50001	212	4
RAW	MEANING											
0	Not Active											
1	Active											
21	5	1	F0131	Quadr2ConvStatus	V	n/a	0	1	F1183	50001	212	5
RAW	MEANING											
0	Not Active											
1	Active											
21	6	1	F0132	Quadr1ConvStatus	V	n/a	0	1	F1184	50001	212	6
RAW	MEANING											
0	Not Active											
1	Active											
21	7	1	F0133	Quad0PowerStatus	V	n/a	0	1	F1185	50001	212	7
RAW	MEANING											
0	Not Active											
1	Active											
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
F0141	VCSET	5	3	254	82	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: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		
RAW	0			MEANING											
	1			Not Selected											
21	4	1	F0135	Qua3HiVolConvSel	V	n/a		0	1	F1197	50001	224	0		
RAW	0			MEANING											
	1			Not Selected											
21	5	1	F0136	Qua2HiVolConvSel	V	n/a		0	1	F1196	50001	223	0		
RAW	0			MEANING											
	1			Not Selected											
	1			Selected											

21	6	1	F0137	Qua1HiVolConvSel	V	n/a	0	1	F1195	50001	222	0
RAW	MEANING											
0	Not Selected											
1	Selected											
21	7	1	F0138	Qua0HiVolConvSel	V	n/a	0	1	F1194	50001	221	0
RAW	MEANING											
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				
CURVE												
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
F0142	VCION/OFF	5	3	254	83	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: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		
RAW			MEANING												
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	VC SYNCON/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		
RAW			MEANING												
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
F0158	CHSETSV	5	3	254	176	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: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						
RAW	MEANING														
	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						

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

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0159	CHPWON	5	3	254	177	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: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 OffsetSelec	V	n/a		0	1	F1205	50001	237	3		
RAW	0			MEANING											
	1			Not Selected											
21	5	1	F0143	CCD FFDR Select	V	n/a		0	1	F1206	50001	237	4		
RAW	0			MEANING											
	1			Not Selected											
21	6	1	F0144	CCD BIAS Select	V	n/a		0	1	F1207	50001	237	5		
RAW	0			MEANING											
	1			Not Selected											
	1			Selected											

EPCS TC PACKETS

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Appendix L

21	7	1	F0145	CAMEX/TIMEX Sel	V	n/a	0	1	F1208	50001	237	6
RAW	MEANING											
0	Not Selected											
1	Selected											
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
F0160	CHPWROFF	5	3	254	178	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: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 OffsetSelec	V	n/a		0	1	F1205	50001	237	3		
RAW	0			MEANING											
	1			Not Selected											
21	5	1	F0143	CCD FFDR Select	V	n/a		0	1	F1206	50001	237	4		
RAW	0			MEANING											
	1			Not Selected											
21	6	1	F0144	CCD BIAS Select	V	n/a		0	1	F1207	50001	237	5		
RAW	0			MEANING											
	1			Not Selected											
	1			Selected											

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21	7	1	F0145	CAMEX/TIMEX Sel	V	n/a	0	1	F1208	50001	237	6
RAW	MEANING											
0	Not Selected											
1	Selected											
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
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												

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21	7	1	F0149	CAMEX/TIMEX	V	n/a	0	1	F1208	50001	237	6
RAW	MEANING											
0	Not Active											
1	Active											
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
F0162	CHCMXTSW	5	3	254	180	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: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		
RAW	0			MEANING											
	1			Disabled											
21	5	1	F0151	TestSwitch3 Stat	V	n/a		0	1	F1222	50001	241	1		
RAW	0			MEANING											
	1			Disabled											
21	6	1	F0152	TestSwitch2 Stat	V	n/a		0	1	F1223	50001	241	2		
RAW	0			MEANING											
	1			Disabled											
	1			Enabled											

21	7	1	F0153	TestSwitch1 Stat	V	n/a	0	1	F1224	50001	241	3
RAW	MEANING											
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
F0163	CHCMXGAIN	5	3	254	181	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: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		
RAW			MEANING												
0			Low												
1			High												
21	6	1	F0155	CAMEX 1 GainStat	V	n/a		0	1	F1226	50001	241	6		
RAW			MEANING												
0			Low												
1			High												
21	7	1	F0156	CAMEX 0 GainStat	V	n/a		0	1	F1227	50001	241	7		
RAW			MEANING												
0			Low												
1			High												

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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
F0164	CHEARES	5	3	254	182	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: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
F0168	EPCEResetCommand	5	3	255	192	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: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
------	-----	---	------	------	-----	------	-------	--------	--------	----	-----	-----	------	-----	-------

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0169	DumpEPEA1 Memory	6	2	N/A	N/A	32	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 4:0020

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

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
F0170	CalcEPEA1 MemCKS	6	3	N/A	N/A	32	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 3:3963

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

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
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
------	-----	---	------	------	-----	------	-------	--------	--------	----	-----	-----	------	-----	-------

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0172	CalcEPEA2 MemCKS	6	3	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 3:3963

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

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
F0173	DumpEPEA3 Memory	6	2	N/A	N/A	64	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 4:0040

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

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
F0174	CalcEPEA3 MemCKS	6	3	N/A	N/A	64	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 3:3963

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

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
F0175	EARAMCHK	5	3	253	129	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: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						
20 CURVE	0	16	F0059	SegmentStartAddr	V	n/a				F1512	50002		26	0	
22	0	16	FIX		F	none	9	9	9						
24 CURVE	0	16	F0060	OffsetStartAddr	V	n/a				F1513	50002		28	0	
26	0	16	FIX		F	none	9	9	9						
28 CURVE	0	16	F0061	MemoryAreaLength	V	n/a				F1514	50002		30	0	

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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						

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0177	EAFILLWORD	5	3	253	126	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: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									
CURVE															
22	0	16	FIX		F	none	9	9	9						
24	0	16	F0060	OffsetStartAddr	V	n/a									
CURVE															
26	0	16	FIX		F	none	9	9	9						
28	0	16	F0061	MemoryAreaLength	V	n/a									
CURVE															

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30	0	16	FIX		F	none	9	9	9
32 CURVE	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

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0178	EAWR_IO	5	3	253	127	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: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									
CURVE															
22	0	16	FIX		F	none	9	9	9						
24	0	16	F0070	16-bit data	V	n/a		0	65535						
CURVE															
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
F0179	CERAMCHK	5	3	254	30	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: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						
20 CURVE	0	16	F0059	SegmentStartAddr	V	n/a				F1100	50001	148	0		
22	0	16	FIX		F	none	9	9	9						
24 CURVE	0	16	F0060	OffsetStartAddr	V	n/a				F1101	50001	150	0		
26	0	16	FIX		F	none	9	9	9						
28 CURVE	0	16	F0061	MemoryAreaLength	V	n/a				F1102	50001	152	0		

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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
F0180	EACMADDOFFS	5	3	253	146	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: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	
21	0	8	F0098	CCD Pixel Column	V	n/a		0	63	F1504	50002		13	0	
22	0	16	FIX		F	none	9	9	9						
24	0	16	F0103	Value To Add	V	n/a				F1505	50002		14	0	

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
F0181	EAIOWR	5	3	253	142	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: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						
RAW			MEANING												
22	0	16	FIX		F	none	9	9	9						
24	0	16	F0070	16-bit data	V	n/a		0	65535						
CURVE															
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
F0182	EAIORD	5	3	253	143	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: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						
RAW			MEANING												
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
F0183	EAMMODE	5	3	253	141	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: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		
RAW			MEANING												
0			Yes												
1			No												
21	6	1	F0076	Address Autoincr	V	n/a		0	1	F1299	50001	312	3		
RAW			MEANING												
0			Off												
1			On												
21	7	1	F0077	Data Update Mode	V	n/a		0	1	F1298	50001	312	2		
RAW			MEANING												
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

MFN	NAME	TYPE	SUBTYPE	TID	FID	MID	MODE
F0185	EASAVEOFT	5	3	253	119	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: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						
RAW	0			Save											
21	4	4	F0005	CCD identifier	V	n/a		0	2						
RAW															
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
F0186	CEIOWR	5	3	254	37	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: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						
RAW	MEANING														
22	0	16	FIX		F	none	9	9	9						
24	0	16	F0070	16-bit data	V	n/a									
CURVE															
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
F0187	CEIORD	5	3	254	38	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: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						
RAW	MEANING														
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		
RAW			MEANING												
0			Slow												
1			Fast												
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
F0189	FWTOUTON/OFF	5	3	254	56	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: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		
RAW			MEANING												
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		
RAW			MEANING												
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		
RAW			MEANING												
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
F0192	EAPATCH	5	3	253	157	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: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						
RAW	0	MEANING													
	1	EntryByNumb.													
	2	EntryByAddr.													
22	0	16	FIX		F	none	9	9	9						
24	0	16	F0165	EntryNumID/AddSe	V	n/a									
CURVE															
26	0	16	FIX		F	none	9	9	9						
28	0	16	F0166	EntryAddressOffs	V	n/a									
CURVE															

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
F0193	CEPATCH	5	3	254	39	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: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						
RAW	0	MEANING													
	1	PROMTabEntr													
	2	EntryByNumb.													
22	0	16	FIX		F	none	9	9	9						
24	0	16	F0165	EntryNumID/AddSe	V	n/a									
CURVE															
26	0	16	FIX		F	none	9	9	9						
28	0	16	F0166	EntryAddressOffs	V	n/a									
CURVE															

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
F0194	CEDC	5	3	254	35	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: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						
21 CURVE	0	4	F0114	Slave Address	V	n/a				F1103	50001		154	0	
21 CURVE	4	4	F0115	Register Address	V	n/a				F1204	50001		154	4	
22	0	16	FIX		F	none	9	9	9						
24 CURVE	0	16	F0070	16-bit data	V	n/a		0	65535	F1104	50001		155	0	

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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
F0195	EAMIP	5	3	253	125	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: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						