TABLE 1. Faint Mode Exposure Record Content(Continued)

Req	Field	Description
1-17	Number of Events Discarded by Window	These specify the number of events which were discarded by the processing windows.
1-18	Overclock Levels	These identify the overclock levels used for the thresholding during the exposure which produced the events.
1-19	Bias Map Parity Hit Count	This specifies the total number of pixels disabled due to parity hits.

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Req	Field	Description
1-1	Packet Synch	This field marks the start of the ACIS packet within the telemetry stream.
1-2	Packet Word Length	This field indicates the number of 32-bit words in the packet.
1-3	Format Tag	This field indicates the type of data contained in the telemetry packet, in this case, a Faint-Mode Exposure Record packet.
1-4	Packet Sequence Number	This field is used to sequentially number all ACIS telemetry packets.
1-5	Science Run Start Time	This identifies the start time of the science run, as specified by the DEA latched ACIS time-stamp.
1-6	Timed Exposure Parameter Block Identifier	This item is a copy of the Timed Exposure Parameter Block Identifier used to configure the current run.
1-7	Window Block Identifier	This item is a copy of the Window List Parameter Block Identifier used to configure the current run. If no Window List was specified, this field will be 0xffffffff.
1-8	Bias Start Time	This identifies the start time of the most recently computed bias map, relative to when the DEA interface latched the ACIS time-stamp at the start of the bias computation.
1-9	Bias Parameter Block Identifier	This item is a copy of the Parameter Block Identifier used to configure the most recent bias map computation.
1-10	CCD/FEP Identifiers	These identify which CCD and FEP produced the exposure
1-11	FEP Timestamp	This is the value of the FEP time-stamp counter when the exposure arrived from the CCD.
1-12	Exposure Number	This uniquely identifies the clocked exposure during the run. This field must allow the ground to uniquely identify over 130,000 exposures during a single run (2 second exposures for 72 hours).
1-13	Number of Events Telemetered	This specifies the number of events being telemetered in the exposure. This field must accommodate at least 64K events.
1-14	Number of Pixels above threshold	These specify the total number of pixels from a CCD whose pulse heights were above their respective spatial thresholds during the exposure.
1-15	Number of Events Discarded by Amplitude	These specify the number of events which were discarded due to their amplitude. This field must accommodate the total number of pixels within the CCDs.
1-16	Number of Events Discarded by Grade	These specify the number of events which were discarded due to their “grade.”