TABLE 1. Graded Event Telemetry Content

Req	Item	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 Timed Exposure Graded Event Mode data packet.
1-4	Packet Sequence Number	This field is used to sequentially number all ACIS telemetry packets.
1-5	CCD/FEP Identifiers	These identify which CCD and FEP produced the event
1-6	Data Packet Number	Since data from different CCDs can be interleaved, and also mixed with other kinds of packets, this field sequentially numbers the data packet for a given CCD exposure.
	The remainder of the packet contains zero or more of the following:	
1-7	Position Identifier	This identifies the row and column of the center pixel of the event
1-8	Event Amplitude	This identifies the amplitude of the event (see Section 3.2.2.3.14 on page 65).
1-9	Grade Code	This identifies the Grade Code of the event. The computation of an event's Grade Code is described by Section 3.2.2.3.16 on page 66.
1-10	Corner Pulse Height Mean	This is the mean, rounded to the nearest integer, of the corrected pulse-heights of those corner pixels in the 3x3 event array which are below their corresponding split threshold in two's complement.