TABLE 1. Read Front End Memory 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.
1-4	Packet Sequence Number	This field is used to sequentially number all ACIS telemetry packets.
1-5	Command Packet identifier	This is the packet identifier of the command causing the dump being performed. This allows the ground to associate the command and the resulting telemetry packets.
1-6	BEP Tick Counter	This items contains the value of the internal timer-tick counter at approximately the time (i.e. within a minute) of when the memory region was read.
1-7	Front End Processor Id	This identifies whose memory was read.
1-8	Original Address to Read From	This is the original starting virtual address indicated by the command initiating the read.
1-9	Original Length to Read	This is the original word count specified by the command initiating the read.
1-10	Virtual Address Read From	This indicates the starting virtual address of the data being sent in this telemetry packet.
1-11	Number of words read	This indicates the number of 32-bit words being provided by this telemetry packet (NOTE: May be redundant with Packet Length).
1-12	Read Data	This is the read data as 32-bit words.