TABLE 1. Software Housekeeping 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. Since this is the first packet which is sent after a reset, this field will be zero.
1-5	BEP Tick Counter	This items contains the value of the internal timer-tick counter at approximately the time (i.e. within a minute) when accumulation into the packet started.
	The remainder of the packet contains the set of software statistics reported since the previous housekeeping packet was sent, or since the Back End Processor was re-booted. Each statistic is reported using a statistic identifier, count of reports since the previous housekeepng packet, and the most recently reported value associated with the statistic (NOTE: For some statistics, this third item is always zero). The number of values and slot assignments are listed in the ACIS Software IP&CL Structures Definitions (MIT 36-53204.0204).	
1-6	Statistic Identifier	This identifies the item being reported in this entry.
1-7	Counter Value	This contains the number of times a particular statistic was reported since the last time a software housekeeping packet was sent, or since the instrument was reset if this is the first housekeeping packet.
1-8	Counter Argument	This contains the last reported statistic argument value.