Proposal for Modification of ECS System Timed Event Channels (TEVS)

Problem: When several timed event channels must receive events
"simultaneously", the current implementation causes the TEVS with
the smallest quanta to receive their events first. Suppose a process
does a multiple hang on a 1 minute TEV and a 1 hour TEV.   The process
will never receive the 1 hour event because it receives the 1 min event
first.

Proposal: TEVS should receive their ticks in inverse order of the
size of their quanta. This would require revision of the CLOCK routine
in DSPINT.

Gene