SVT/TS Kludge

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- Background
  - Goal for L2 before shutdown is to trigger on jets, electrons, and SVT
  - L2 crate activity will first focus on calorimeter data path, then XTRP, then SVT
  - Since SVT is a new & sophisticated trigger object, we would like to get SVT trigger path working ASAP, so that we have plenty of time to debug
  - Basic SVT trigger algorithm is simple: require 2+ tracks having chisq<p, |dbeam|>q
  - Trigger Supervisor is equipped ot handle up to 4 L2 processors; L2/TS protocol is simple & well documented (cdf 4519)
  - By taking a parallel path now, we (a) get SVT triggering sooner and (b) reduce interference with other L2 efforts

- Details
  - GhostBuster board uses RAM lookup from (z,phi) to <d> to get beam correction; performs subtraction; applies chisq,|d| cut; counts tracks; encodes decision into EE word
  - GB' converts SVT EE word into TS handshake, using ad-hoc cable made by Franco Spinella et al