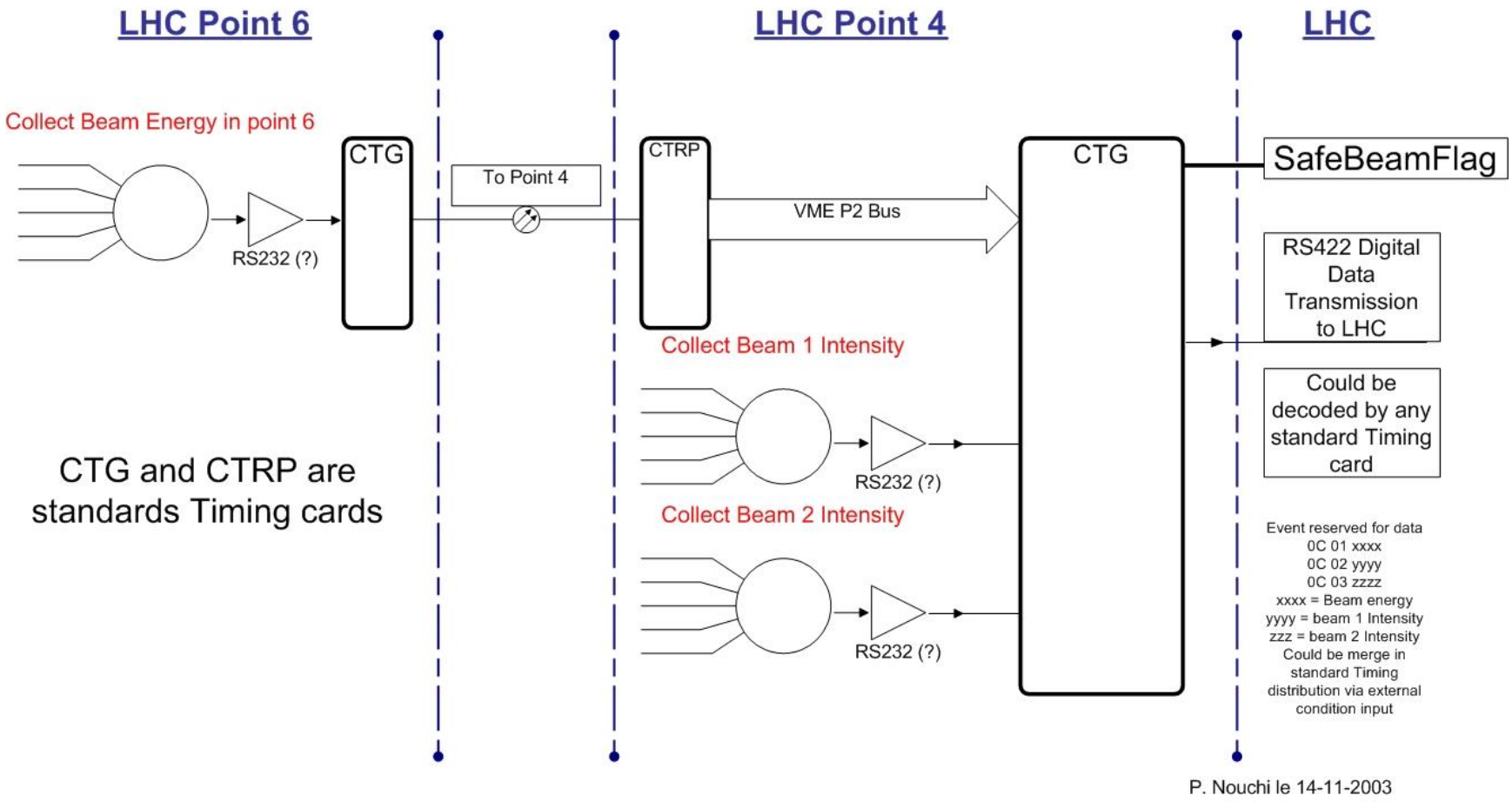
Beam Energy and Intensity Data Transmission



P. Nouchi le 14-11-2003

Timing Events

- Events reserved for data
- 0C 01 xxxx
- 0C 02 yyyy
- 0C 03 zzzz
- xxxx = Beam energy (BCD or Binary ?)
- yyyy = beam 1 Intensity
- zzzz = beam 2 Intensity
- Could be merged into standard Timing distribution via external condition input

Summary

- Safety critical parameters acquisition must be clarified
- Solution is proposed for distribution of safety critical parameters:
  - Short development time using modified Timing cards
  - “Acceptable” price
- Distribution around LHC must be studied