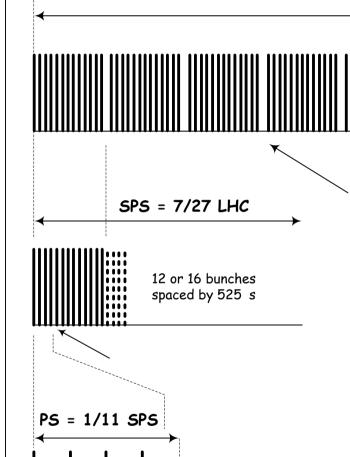
# 156 Bunch Pattern in the LHC for Totem Operation (and potentially for Initial Collision Commissioning)

LHC (1-RING) = 88.924 s



4 Equidistant Bunches

Spacina = 525ns

## PS Injection Pattern

## 333 334 334 334

## Filling Scheme

#### Beam Gaps

- 1 = 525ns gap between adjacent bunches (525 s).
- 2 = 950ns gap between adjacent injections into the LHC (Injection kicker rise time)
  - = 3050ns Beam Abort Gap.

P. Collier 26/09/2003