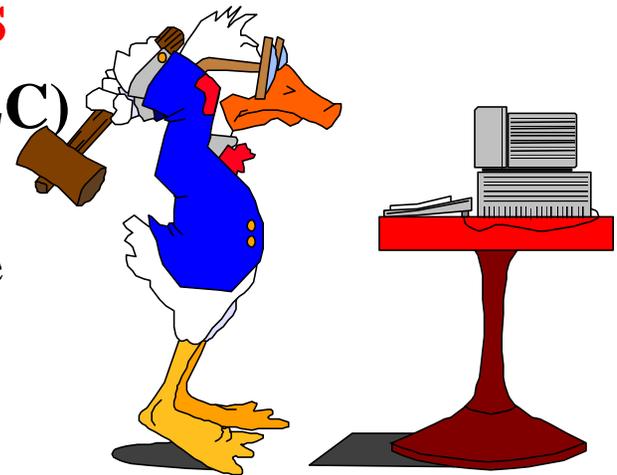


# New L1 Bit Assignments

JDL--11/08/02

- **Of 104 possible prefred outputs, only 64 can be routed to Fred**
  - Currently use 62
- **Allocate two remaining for TOF multiplicity trigger**
  - Use same bits for TOF cosmic trigger
    - Mask inputs in physics runs
    - New download code required
- **Also need bit for COT HV spikes**
  - Input to Misc. Prefred (same as CLC)
  - Take from SUMET
    - Using only 1 SUMET bit in physics table
    - Plan is for 0
    - Needed only for “Rick Run”



- **Random PMT spike trigger might be desirable**
  - Could OR inputs with CLC and COT spike
  - Or swap cables if we ever really want to do this
- **Rumors of coming request for change to TOWTRG for low-ET dielectrons**
  - Watch this space for details
- **Allocations:**
  - TOWTRG:           16
  - SUMET:            1
  - MET:               2
  - MUON              20
  - Diffr./TOF        10
  - Crossing           1
  - Misc.              2
  - Track              12