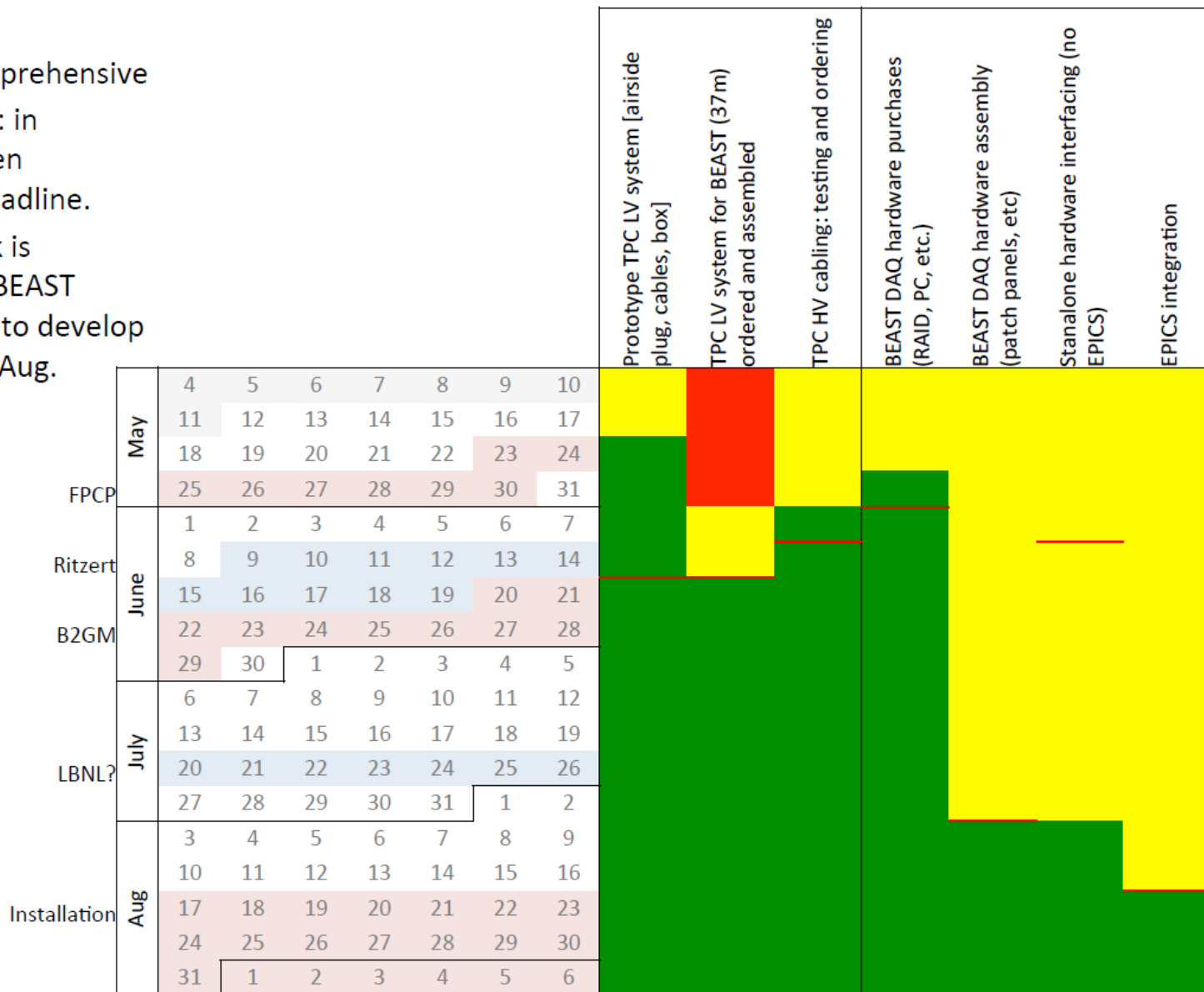# DAQ schedule (Peter)

- I hope this is nearly comprehensive
- Red: not started. Yellow: in progress. Green: foreseen completion. Red line: deadline.
- The furthest behind task is software integration of BEAST DAQ, but I can continue to develop that after installation in Aug.

Shipping (Peter)

- By June B2GM:
  - 4 sets of terminated Cat7/Mil-C TPC cables
  - HV cabling for 4 TPCs
  - Cable tools (acquired), including strippers, crimpers, labelers, strain relief hardware, etc.
- By August installation:
  - DAQ rack boxes:
  - PIN amplifiers 1-5
  - PIN patch panel
  - PIN patch cables (64 BNC, 32 TC, 2 37-pin parallel)
  - PIN VME crate with bridge and digitizer
  - Keithley DMM with two 40-channel MUX cards
  - PIN PC
  - PIN modules (X40)
  - TPC LV boxes (X? depends on whether SEABAS or USBpix)
  - Keithley TPC LV supplies (X4)
  - TPC HV supplies (X2?)
  - TPC PC
  - BEAST RAID
  - BEAST PC with peripherals
  - (some USB or PCI bus may be required, TBD)
  - [cables and detectors from other groups, TBD]

Future purchases (Peter)

- Non-prototype TPC LV and HV boxes and cables

  - 1 more box (SEABAS) or 3 more (USBpix) for 8 TPC's: $200/box, **$600**

  - 4 more Mil-C plugs (5 purchased): $80 each: **$320**

  - 37m*2*10=740m=2500ft of Cat7 cable: **$1200**

  - RJ-45 plugs: basically **free**

  - 37m*2**(??)***10=740m=2500ft of HV coax: $1000 (RG-58) or **$2000** (RG-213)

  - SHV-10 plugs: $17 per plug, say 8 plugs per TPC: **$1000**

  - HV junction box: ~**$200**

- BEAST

  - Rackmount PC: **$600**

  - Network RAID w/ 4x1TB drives: **$1200**

  - 64 PIN BNC patch cables: **$1400**