## DAQ schedule (Peter)

<ul> <li>I hope this is nearly comprehensive</li> <li>Red: not started. Yellow: in progress. Green: foreseen completion. Red line: deadline.</li> <li>The furthest behind task is software integration of BEAST DAQ, but I can continue to develop that after installation in Aug.</li> </ul>										TPC LV system for BEAST (37m) ordered and assembled	TPC HV cabling: testing and ordering	BEAST DAQ hardware purchases (RAID, PC, etc.)	BEAST DAQ hardware assembly (patch panels, etc)	Stanalone hardware interfacing (no EPICS)	EPICS integration
that after installation in Aug.		4	5	6	7	8	9	10							
	Мау	11 18	12 19	13 20	14 21	15 22	16 23	17 24							
FPCP		25	26	20	28	22	25 30	31							
FPCP		1	2	3	4	5	6	7		_					
Ritzert		8	9	10	11	12	13	14					•		
Mizeri	June	15	16	17	18	19	20	21							
B2GM	-	22	23	24	25	26	27	28							
		29	30	1	2	3	4	5							
		6	7	8	9	10	11	12							
	≥	13	14	15	16	17	18	19							
LBNL?	lul	20	21	22	23	24	25	26							
		27	28	29	30	31	1	2							
Installation	Aug	3	4	5	6	7	8	9							
		10	11	12	13	14	15	16							
		17	18	19	20	21	22	23							
		24	25	26	27	28	29	30 6							
		31	1	2	3	4	5	6							

## 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**