TO DO @ BNL for Run 11

1. TCU
    a. Troubleshoot Counters
    b. Repair/test extra TCU-D cards
    c. Load 3rd TCU motherboard
    d.
2. Software
    a. Service requests for any new QT algos for run 11
        i. Add "killer bits" to QT algos for vertex detectors
    b. Service requests for any new DSM algos for run 11
    c.
3. Simulation data
    a. Create simulated data and tier1 file to test algorithms (i.e. mock up full production configuration)
    b.
4. Computer work
    a. Upgrade disk on trgscratch
    b. Finish building new startrg machine
        i. Connect startrg2/startrg to UPS
    c. Convert network to Christie/Betts
    d. Start decommissioning process of startrg2
5. Board Construction
    a. Design, fabricate, & test new 30bit scaler boards
    b. Design, fabricate, & test new RCC/RCF-BOC
        i. Install/rewire existing RCC system
    c. Fabricate 3rd stp concentrator (for spare)
6. TOF
    a. Complete DRORC connection to l2ana01
    b. Test bits from all repaired trays into DSMs
    c.
7. MTD
    a. Add 2nd QT board to system
        i. Move GEM cables from 1st QT to 2nd
        ii. Cable in new MRPC units
    b. Add 2nd TAC board to system for GEM
8. FMS ?
9. Normal run startup tasks
    a. test TCD/QT/QT-TAC-adapter for all systems (VPD, ZDC, MTD, PP2PP)
    b. standalone tests (e.g. QT, DSM, TAC, etc.)
    c. check QT and DSM connections by inputting ramps
    d. test glink and opticon fiber connections
    e. board repair
10. Documentation
    a. RAT cabling
    b. update crate layout, cable connections, test procedures on web
    c. post eta-phi plot of all trigger detectors on web

d. update timing plots for various detector DSM layers
e. update general trigger section of web
f. Check cable documentation on QT->DSM connections
    i. Check QT 0x18 and 0x19 wiring and order to FMS crate

11 Miscellaneous
a. ~~Setup DSM tests in ken's lab to test complex algo's on 1st run DSM boards~~ – done 08-June-2010
b. Design/fabricate strain relief for positronix cable connections to QTs
c.